

Njoroge, Basu Win Rhodes

By Richa Maheshwari
STAFF REPORTER

MIT students Sanjay Basu '02 and Paul K. Njoroge G have been identified as Rhodes Scholars for the year 2002.

After four days of exhausting interviews and pretentious cocktail parties, Basu was told he was one of the four Rhodes Scholars from the Northeast region, and one of 32 from the nation. He plans to study Developmental Studies at Oxford University, where the Rhodes Scholarship will cover his tuition and grant him a living stipend.

Basu applied for the Rhodes Scholarship program through Massachusetts, rather than his home state, Illinois, so he could interview closer to MIT. Njoroge, a graduate student in the Department of Electrical Engineering and Computer Science, is a Rhodes Scholar for Kenya, his home country. He could not be reached for comment.

The last round of interviews occurred at the Boston University Castle, where Basu was asked questions that ranged from describing a political situation across the border of Pakistan and Afghanistan to the product of 24 and 36.

"They try to tear down your philosophies so you have to be able to stand up for yourself very well. Since this was originally for people wanting to go into political office, a lot of the criterion is being able to present yourself in that way," Basu said. He added that he felt "awkward and strange" throughout the cocktail parties.

To help him prepare for this, past

Rhodes, Page 15



AMY L. WONG—THE TECH

A "Shrek" snowman stands alone on the first day of snow of the year on Kresge Oval last Saturday.

Difava Steps in After Time at Logan

By Qian Wang

John Difava reported for duty at MIT nearly two months late. The new MIT Campus Police Chief, Difava was originally scheduled to arrive in early October, but due to the events of September 11, he was asked to temporarily oversee security at Logan airport.

Difava did not think his delayed arrival will hinder his ability to get into his job here at MIT. "I don't feel at all that I'm penalized. We take assignments based on previous experience and I have had 28 years of policing experience, so I feel completely confident," Difava said.

The new chief also believes his experience at Logan airport has taught him numerous things that he can bring to the MIT campus. "Security is proportional to the surrounding environment, but there are

basic principles that are the same, and I feel that I have learned my experience at Logan," he said.

Force to focus on service

Difava replaces Anne P. Glavin, who was the Chief of MIT Campus Police for 13 years before being made Director of Public Safety last year. According to Isaac Colbert, the Dean for Graduate Students, MIT's needs have been changing and the changing campus calls a different approach to policing the area.

When Glavin came into position in the late 1980s, the MIT campus had many "urban ills," such as problems concerning drugs, violence and other crimes, Colbert said. "[Glavin's] force responded to those needs, but MIT's needs are changing," Colbert said.

He said the current campus demands a more service-oriented

police force, rather than a force concentrated on enforcement. "After a decade of dealing with crime, it's not an issue we have to be overly vigilant about now," said Colbert.

Stephen D. Immerman, Director

Difava, Page 16

Students Plan Trips For Break

By Christine R. Fry
STAFF REPORTER

Now that the weather has become more wintry, MIT students have begun to anticipate the holiday break.

Feature

While most are looking forward to what may seem like a mundane break: sleeping, forgetting about schoolwork, and enjoying time at home with family and friends, some students, however, have more exotic plans to break the monotony of daily classes.

Home is traditionally where most people travel for the holidays, but families occasionally decide to forego familiar surroundings to explore new places.

Jamaica, Vegas among destinations

"I'm just going [to Jamaica] with my family. We're going for vacation. Just to get away," said Prachi Jain '05. Jain is looking forward to lying on the beach in the sun as an escape from the cold weather at home.

Holiday Plans, Page 17

Panhel Chooses New Executive Officers, Living Groups Get Ready for Spring Rush

By Jeffrey Greenbaum
STAFF REPORTER

The Panhellenic Association and the Living Group Council seek to spread their individual names as Recruitment 2002 approaches.

As of tomorrow, the Panhellenic sororities will secede from the Interfraternity Council. The members of the newly elected Panhel executive board and council thus hope to spread Panhel's name and help develop a Panhel culture independent of the IFC, outgoing Panhel President Annie K. Wang '02 said.

Likewise, the LGC will host

LGC-wide rush events in order to spread the image of the independent living groups. "There are a lot of similarities between the LGC houses," said Kenneth A. Mitton '02, an LGC Representative from Pika.

Panhel selects new officers

In its most recent house elections, Alpha Epsilon Phi selected Naomi A. Schmelzer '03 as Panhel's next president.

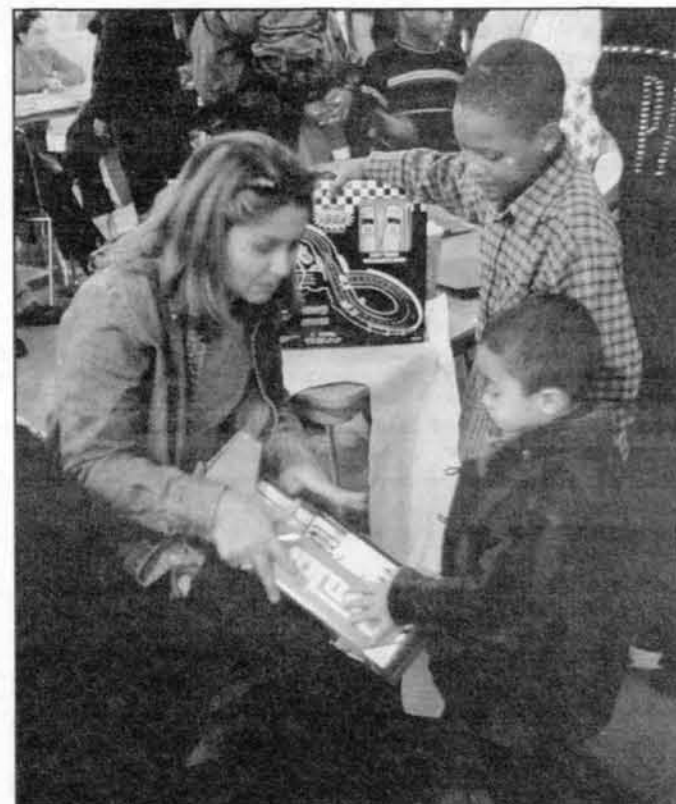
Panhellenic executive members are not elected by the outgoing Panhellenic Association. Instead, each sorority rotates the office, to which it can elect one of its sisters.

Each of the five sororities thus has a sister serving as an executive officers, elected by her individual sorority and not the Panhellenic Association.

During her presidency, Schmelzer foresees that she will be dealing with the separation of Panhel from the Interfraternity Council and Recruitment 2002.

On Wednesday, the Panhellenic sororities will officially secede from the IFC. As a result, "we will want to try to get our own name out there," Schmelzer said.

Panhel, Page 10



JONATHAN WANG—THE TECH

Benita Santiago and grandson Omar Valedon celebrate "the best day of our Christmas" on Saturday in a toy drive sponsored by the Class Councils of 2004 and 2005. The event was part of the Giving Tree, sponsored by the Public Service Center and the Panhellenic Association.



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Tom Cruise
and Cameron
Crowe.

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This will be the final issue of *The Tech* for 2001. We will resume publication on January 9, 2002, continuing every Wednesday through IAP.

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WORLD & NATION

With Taliban Gone,
U.S. Looks to Embassy

NEWSDAY

KABUL, AFGHANISTAN

In the 1980s, as the United States was working to overthrow the Soviet-backed communist government here, the Afghan communists struck back by arresting Afghans who worked at the U.S. Embassy. They jailed about 10 embassy employees, said Ghulam-Sakhi Ahmadzai, the chief security official of the embassy's Afghan staff.

"They sentenced me because they said I was a CIA agent," recalled Ahmadzai, a quiet, dapper man who said he is "about 58 years old. Nothing is very exact in Afghanistan."

Ahmadzai spent nine years in jail — and was more than once beaten for his choice of employer, he said, before being freed in 1992.

This fall, Washington again campaigned to overthrow an Afghan regime, and the embassy's Afghan staffers again were caught in the middle. In the past two months, they have been threatened, and the embassy attacked and burned by pro-Taliban rioters.

U.S. Airlines Seek Ways to Meet
Deadline for Stricter Bag Checks

THE WASHINGTON POST

WASHINGTON

In less than two months, Congress has ordered, all checked bags at U.S. airports must be screened for explosives.

That's a tall order, but one way to meet it, federal officials say, is to step up the practice of matching every bag that goes into the belly of a plane to a passenger on board.

Airlines historically have resisted baggage-matching, which they do on international flights, because of the complexity of the airline system and the sheer volume of luggage. They fear delays, especially on connecting flights. But it's one of the few options available to the airlines and the government if they are to meet Congress' new mandate that all checked luggage — 1.4 billion bags a year — be screened for explosives by Jan. 18.

The deadline is among the most conspicuous examples of how difficult it will be to establish from scratch a brand-new federal agency that will have tens of thousands of employees and will be responsible for standardizing security at 420 airports and coordinating security among air, land and sea travel.

Immigrant Smuggling Ring
Broken Up, Ashcroft Announces

THE WASHINGTON POST

WASHINGTON

Federal law enforcement officials have broken up a large illegal immigrant smuggling ring that used a Los Angeles-based bus company to transport immigrants from U.S. cities near the Mexican border to locations around the Western part of the country, Attorney General John D. Ashcroft announced Monday.

Thirty-two people were indicted in "Operation Great Basin," including the president and other corporate officers of Golden State Transportation, a regional bus company, and six alleged smugglers, Ashcroft said. They were charged with "transporting and harboring illegal aliens for profit," he said.

"We will not tolerate violations of our borders," Ashcroft told reporters Monday. "Operation Great Basin serves as a warning. ... U.S. law enforcement is ready to find you ... and prosecute you."

No one answered the telephone at Golden State's headquarters. The company is partially owned by Sistema Internacional de Transporte de Autobuses Inc., a wholly owned subsidiary of Greyhound Lines Inc., said Lynn Brown, a spokeswoman for Greyhound.

Russia, U.S. Hope to Agree
On Weapons Cuts at Summit

By Robin Wright

LOS ANGELES TIMES

MOSCOW

Playing off their deepening partnership, the United States and Russia announced Monday that they hope to formalize an agreement on strategic weapons cuts, signaling a new approach to arms control, at a summit between President Bush and President Vladimir V. Putin next year.

After talks between Secretary of State Colin L. Powell and Putin at the Kremlin, Russia also said that ongoing and fundamental differences over the 1972 Antiballistic Missile Treaty may not get resolved. But Russian Foreign Minister Igor S. Ivanov also indicated that a U.S. decision to walk out of the historic accord, the cornerstone of modern arms agreements, may not provoke a reprisal by Moscow.

Both developments reflect a single theme: that the new trust between the former superpower rivals no longer requires both nations to take the exact same steps at the same time, make the same cuts or remain at precisely the same arms levels.

The nations are seeking either a formal treaty or a more informal

accord that would codify reductions in their nuclear arsenals by the roughly two-thirds that they have been discussing for more than three years.

"Both of our presidents have charged us ... to find ways to formalize this agreement — and to try to get the work concluded in time for when they meet in Moscow," Powell told a news conference with Ivanov.

But the new accord will differ from past arms pacts because the premise is transparency, or exchanging information and providing access, rather than matching numbers that would guarantee mutual deterrence — or mutual destruction.

"Full transparency can be a substitute for the voluminous arms control agreements that we've had in the past," said a senior State Department official traveling with Powell. "This introduces a new approach to arms control."

"It's an approach that says we don't have to have exactly the same number or have an agreement based on the ability of each one to kill the other."

Both nations would instead maintain the level of nuclear weapons needed to ensure their own

security — from other threats, not each other. Thus the numbers do not necessarily have to match, the senior official said.

The Bush administration announced last month that the United States will cut its nuclear arsenal from under 6,000 warheads to between 1,700 and 2,200, while Putin said during his Washington visit in November that Russia will cut its arsenal by about two-thirds.

Powell had hoped to get a precise number on this trip, but Ivanov said Russia was not ready to reveal its final number — and might not be until Bush visits next summer.

But Powell said the two sides are now "very close."

The senior U.S. official accompanying Powell said later that the United States now has a "much clearer picture of where Russia will end up on offensive weapons, how to deal with transparency and how to codify" an agreement on cutting their respective nuclear arsenals.

No agreement appears near on the ABM treaty, however, as both sides had hoped. Ivanov said Russia still considers it "the key element of the entire treaty system of providing or ensuring strategic stability in the world."

Supreme Court Upholds Searches
Without Warrants, Sets Precedent

By Charles Lane

THE WASHINGTON POST

WASHINGTON

The Supreme Court ruled Monday that authorities in California need not obtain a warrant before searching the homes of certain criminals who have been released on probation, a decision that strengthens the hand of law enforcement officials in the nation's largest state and could encourage other states to adopt its practices.

At issue in the case of U.S. vs. Knights, No. 00-1260, were California rules under which judges often require convicted criminals to sign a document consenting to warrantless searches as a condition of being sentenced to probation.

After Mark James Knights was placed on probation in 1998 on a

drug charge, police in Napa County searched his residence and found bomb-making material and other evidence linking him to arson and sabotage attacks aimed at an electric utility company. Indicted in federal court, Knights argued that the evidence could not be used against him because the search had violated his constitutional right to be free of unreasonable police intrusion.

Last year, the San Francisco-based U.S. Court of Appeals for the 9th Circuit agreed with him, saying the probation order he signed should be construed to cover only searches related to supervising his probation, not investigations of new crimes.

But Monday, in a unanimous opinion written by Chief Justice

William Rehnquist, the justices noted that the probation order clearly gave broad search authority to "any" law enforcement officer, and that Knights accordingly was entitled to a lower expectation of privacy than other citizens have.

"Just as other punishments for criminal convictions curtail an offender's freedoms, a court granting probation may impose reasonable conditions that deprive the offender of some freedoms enjoyed by law-abiding citizens," Rehnquist wrote.

Supporters of Knights's position had argued that California's practice is followed almost nowhere else in the country and that it exposes innocent people who might happen to be living in or visiting a probationer's home to warrantless searches.

WEATHER

The Forecasts for Boston?

By Greg Lawson

STAFF METEOROLOGIST

	Tues	Wed	Thurs	Fri
Boston, Alabama	65/52 MC	72/60 MC	64/42 PC	60s/40s
Boston, Arkansas	62/54 OVC	65/54 TSTM	63/37 PC	60s/40s
Boston, California	60/43 PC	65/45 CLR	66/46 CLR	60s/40s
Boston, Connecticut	49/32 PC	48/40 PC	52/42 RN	40s/30s
Boston, Georgia	72/53 PC	76/55 PC	72/48 OVC	60s/40s
New Boston, Illinois	52/38 PC	48/32 RN/SN	37/25 PC	40s/30s
Boston, Indiana	50/40 CLR	53/50 RSHR	54/32 PC	40s/30s
New Boston, Iowa	52/38 PC	50/35 RN	41/25 PC	40s/30s
Boston, Kentucky	52/41 MC	54/50 RSHR	50/43 RSHR	40s/30s
Boston, Louisiana	66/56 MC	69/57 RN	65/46 MC	60s/50s
New Boston, Maine	44/17 CLR	41/32 MC	42/34 MC	40s/20s
Boston, Michigan	41/32 CLR	47/39 RN	42/27 RN/SN	30s/20s
Boston, Missouri	55/43 MC	48/31 RN	43/28 PC	50s/30s
Boston, New York	47/34 CLR	52/38 RN	53/35 RN/SN	30s/30s
Boston, Ohio	51/38 CLR	53/50 RSHR	53/32 MC	40s/30s
Boston, Pennsylvania	52/35 PC	52/45 RSHR	53/32 RSHR	40s/30s
Boston, Tennessee	55/45 PC	60/54 RN	54/33 PC	50s/30s
Boston, Texas	55/51 MC	64/46 RSHR	58/35 PC	50s/30s
New Boston, Vermont	42/23 CLR	44/37 PC	47/36 RN	30s/20s
Boston, Virginia	52/39 MC	51/41 MC	55/39 RN	50s/30s

All temperatures in Fahrenheit. To convert to Celsius: $C = 5/9(F - 32)$

CLR = clear, PC = partly cloudy, MC = mostly cloudy, OVC = overcast
RN = rain, SN = snow, RSHR = rain showers, TSTM = thunder storms

Extended Forecast for Boston, Massachusetts:

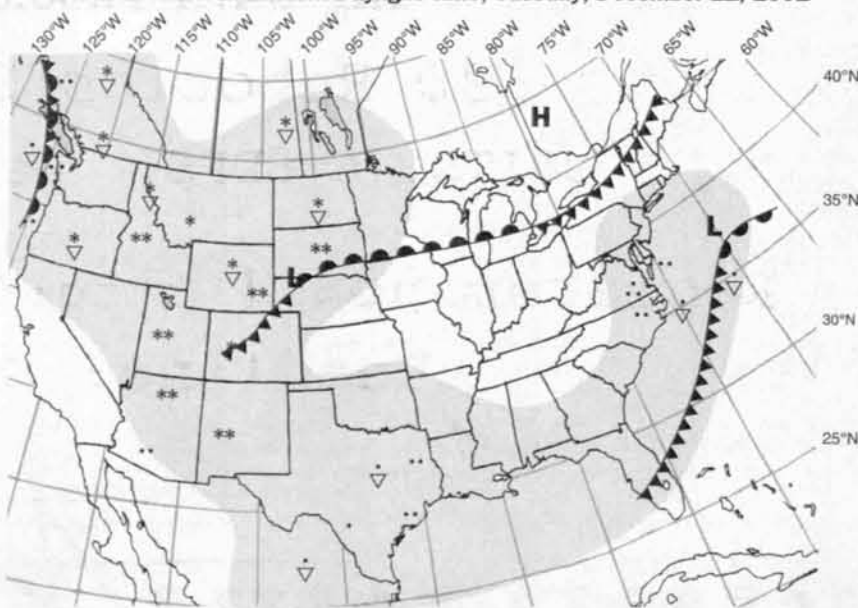
Today: Mostly clear. Light northerly winds. High of 50°F (10°C).

Tonight: Clear. Low of 37°F (3°C).

Wednesday: Partly cloudy. Light rain beginning late. High of 48°F (9°C). Low of 42°F (6°C).

Thursday: Warm and rainy. Highs in the upper 50s F (14 - 16°C). Lows in the upper 40s F (8 - 10°C).

Situation for Noon Eastern Daylight Time, Tuesday, December 11, 2001



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	— Trough	Showers *	Fog
L Low Pressure	— Warm Front	Light *	Thunderstorm
S Hurricane	— Cold Front	Moderate **	Haze
	— Stationary Front	Heavy ***	

Compiled by MIT
Meteorology Staff
and The Tech

White House Plans to Release Videotape of Osama bin Laden

By Walter Pincus
THE WASHINGTON POST

WASHINGTON

The White House plans to release a tape of Osama bin Laden discussing the World Trade Center attack later this week and is studying whether subtitles should be added to translate from Arabic so as to avoid charges that the soundtrack was doctored, senior administration officials said.

The 40-minute videotape, in which the bin Laden discussed his advance knowledge and responsibility for the attacks, was made by an amateur hoping to document an al-Qaida dinner last month honoring an older mullah, officials said. The tape's sound "is spotty and garbled and one part is taped over," accord-

ing to one official who has seen segments of the tape and been shown the transcript.

On the tape, bin Laden praises God that both towers collapsed when he had expected more limited destruction, according to officials who have seen the tape or read a transcript.

As the group sits on the floor eating from bowls and being served from silver trays, bin Laden jokes that his own press aide, Sulaiman abu Ghaith, had no advance knowledge of the attacks and rushed to tell him when news reports first came in.

Bin Laden also tells the group he knew Mohamed Atta was in charge of the hijacking group and that some of the "brothers" who conducted the

operation did not know the nature of the work they were tasked to do, according to the official. Bin Laden says on the dinner tape, "They were only told at the time they boarded the planes," the official said.

President Bush said the portions of the tape he saw reinforced his will to pursue bin Laden's al-Qaida network. "For those who see this tape, they'll realize that not only is he guilty of incredible murder, he has no conscience and no soul, that he represents the worst of civilization."

Intelligence officials, who recently obtained the tape in a private home in Jalalabad, have checked it with experts and last week told the White House they considered it authentic.

Lawsuit Filed Asking to Remove Civil Rights Commission Member

By Darryl Fears
THE WASHINGTON POST

WASHINGTON

Justice Department lawyers have filed a federal lawsuit asking a judge to remove a member from the U.S. Commission on Civil Rights so that a Bush administration appointee can replace her on a board that tilts toward Democrats.

The appointee, Peter N. Kirsanow, a Cleveland labor lawyer, was also named as one of the plaintiffs against commissioner Victoria Wilson, who is clinging to her seat despite the White House's contention that her term expired at the end of November. Wilson was appointed to the commission by President Bill Clinton to fill in for Judge A. Leon

Higginbotham, who died in December 1998.

The suit requests that the judge declare that "Kirsanow is now, and has been, since the date of his appointment" by President Bush on December 6, "a member of the commission." It further asserts that "Wilson is no longer entitled or empowered to serve as a member of the commission since Nov. 29, 2001."

The lawsuit was dropped in a night box of the U.S. District Court in the District of Columbia Friday after a raucous commission meeting that Kirsanow attended, knowing that the panel's chairwoman, Mary Frances Berry, would refuse to seat him.

At the meeting, Berry and Wilson, both independents, joined three

Democrats in voting not to recognize Kirsanow. They did so over the vigorous protests of two Republicans and an independent who favor his appointment.

Afterward, Berry said her vote had less to do with Kirsanow than with preserving the commission's independence from the whims of the president. Nevertheless, Kirsanow's presence would likely split the board, which now has a Democrat-leaning majority.

Wilson's attorney, Leon Friedman, said his client should serve until January 2006 and would fight the suit. "We're happy to have an opportunity to present our case," said Friedman, a professor of constitutional law at Hofstra University.

Peru Fears Reemergence Of Violent Rebels

THE WASHINGTON POST

SANTA LUCIA, PERU

In the mountains around this jungle town recently weaned from an economy based on illegal drug traffic, the stirrings of a dormant guerrilla organization are raising fears that terrorism is regaining a foothold in Peru's countryside.

A column of rebels from the Shining Path, a radical Maoist movement that terrorized Peru in the 1980s and early 1990s, assaulted the army barracks in nearby Nuevo Progreso in June after harassing neighboring towns for several weeks. Although no one was killed, the attack coincided with what police officials here said has been a spike in drug cultivation in these eastern forests and a surge in guerrilla activity, including a Shining Path ambush in August about 200 miles south of here in which four police officers were killed.

In the last few months, the Shining Path has also begun operations in Peru's cities. Last month, the Interior Ministry announced that it had thwarted a Shining Path plan to attack the U.S. Embassy in Lima.

Lockyer Sets Standards For Microsoft's Foes

LOS ANGELES TIMES

LOS ANGELES

Just as its lengthy and expensive legal troubles appear to be ending, Microsoft Corp. is encountering fierce opposition from an unlikely source in settling its landmark antitrust case: California Attorney General Bill Lockyer.

A populist politician first and a lawyer second, Lockyer has emerged as the new standard-bearer for Microsoft's enemies in government, and he has come out firing.

Criticizing the Justice Department's pending settlement as too weak, Lockyer said, "Maybe we need to create a 12-step program for their executives, where they start each morning saying, 'I am a monopolist, I am a monopolist, I am a monopolist.'"

Of Microsoft's tentative settlement of more than 100 consumer class-action lawsuits, which pledges software and other products to poor schools, Lockyer said, "It's a little like Big Tobacco being found guilty of selling cigarettes to minors, and the remedy is for them to agree to give them free cigarettes."

His rhetoric signals that he is unlikely to be satisfied with a slightly sweetened settlement overture.

Add to the mix Lockyer's political know-how and ambitions for higher office, and the evidence suggests Microsoft won't be free of its 3-year-old antitrust case for years to come.

Microsoft's defenders accuse Lockyer of doing the bidding of the company's big California competitors, including Oracle Corp. and Sun Microsystems Inc.



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Letters To The Editor

One Last Breath For NEA

I understand that we live in a generation, and specifically in a year, in which the societal value of concepts like creative expression and effective learning is roundly rejected in public.

After all, goes the unspoken logic, these aspects of our humanity don't contribute to the capitalist bottom line, so how could they possibly be valuable? Reasoning such as this is what has contributed to a neglected and bankrupt national educational system, and a generation of youth with no effective or encouraged way to express themselves other than through violent means, and no causes to fight for other than those which involve bigotry or attacks on other members of the human race. Even given all this, though, I was rather shocked to read Matt Craighead's column of Dec. 7 ["Getting Priorities Straight"], in which he offers a justifiable critique of the current administration's spending habits and budgetary ignorance.

Craighead mentions as one remedy the cutting of funds to the National Endowment for the Arts and the Corporation for Public Broadcasting, calling them "silly governmental programs" that are "easy to laugh at." With all due respect (or perhaps not), I would put forth the radical notion that positive cultural programs have but one last breath in our society, and in our government's set of priorities. One

more innocuous sign of the erosion of intellect is the current trend of mangling the English language in public forums and calling this truth and honest character (after all, such a tactic elected this president).

The NEA and the CPB have their flaws, like all (repeat: all) governmental programs. Not every American will be perpetually satisfied by the intentions of a few hundred legislators and elected officials. But flippant and arrogant comments such as the one made by Mr. Craighead represent further just how little value most Americans place on our national artists, who quietly struggle financially and emotionally so that this country might not be totally dominated by the spectres of war and violence, hatred and bloodshed.

But perhaps that is what Mr. Craighead, and others who share his beliefs, would like to see happen. He is welcome to such a society, but Congress's last whispers of some support to its own citizens who inspire and create for a living should not go down without a fight.

Bill Whitney
Staff

Laws Can Stop Sheep...

As insightful and newsworthy as the recent photograph of a construction sign with the phrase "We Are Not Sheep!" and the ensuing

article "Fences Can Stop Sheep, But Not Humans" [Dec. 7] are, I feel obligated to offer an alternative interpretation of the statement that is conspicuously absent from both the article and the caption. At least some of *The Tech's* staff members must be aware that Advanced Cell Technologies, a company in nearby Worcester, MA, recently announced that it had created the first cloned human embryos. Some of them might also remember Dolly, the first sheep that was cloned in 1997. I don't mean to underestimate the monumental importance of the construction on Amherst Alley and its progress, but it seems that it's at least possible, and certainly worth mentioning, that whoever wrote the message was expressing his or her disapproval of human cloning.

Dan Riordan '02

Errata

In an article that ran on page 1 of last Friday's issue [Board Delays Ruling on Tech Appeal, December 7], Soulaymane Kachani's name was spelled incorrectly. On page 1 of the same issue, Pey-Hua Hwang's name was also misspelled. *The Tech* regrets these errors.

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Is There an 'It' in Your Future?

Eric J. Plosky

After a year of hype, *It* could have been anything from a perpetual-motion machine to an Orgasmatron. But when inventor Dean Kamen whisked *Its* wraps off last week on "Good Morning America," it was revealed to be a scooter.

A scooter?

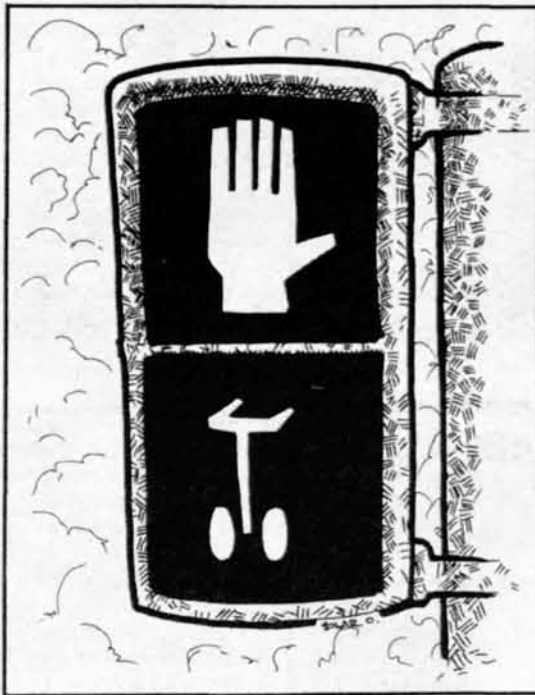
Kamen, an Edison-like figure who has invented medical gadgets and a stair-climbing wheelchair dubbed "Fred," isn't a showman or media smoothie. He's a geek who has come up with a new toy. While zipping around on an *It* — sorry, on a Segway Human Transporter — during the "GMA" segment, Kamen couldn't help beaming. The bottom line: he thinks that *It's* all that.

Also known as "Ginger" (Fred's partner), Kamen's scooter — er, Segway Human Transporter — is essentially a two-wheeled device which a rider stands on and scoots about. Flat-out, it can do about 12 miles an hour for about 12 miles. It's small, easy and safe to ride, and uses little electricity. The Postal Service, the National Park Service, and some big corporations are already fiddling with early industrial-strength *Its*; the consumer model will hit stores next year with a tag of about \$3,000.

The only big question now is, will *It* change the world? Early sneak-peekers, such as Intel's Andy Grove and Amazon's Jeff Bezos, seemed to think so. Apple's Steve Jobs even opined that future cities would be designed around *It*. Kamen himself seems to have a Grand Vision of *It* in which commuters dash about cities, transit stations, and airports, warehouse workers flit between buildings, and delivery people *It* up and down the block, everyone saving hours in the process. Curiously, *It* seems intended to replace neither cars nor bicycles — *It's* being touted, rather unusually, as an alternative to walking. Kamen and Co. say *It's* designed for use on sidewalks, not on streets. Indeed, *It* has been certified by the federal Occupational Safety and Health Administration as something akin to a wheelchair. Imagine the sidewalks filling up with *It* riders hurtling past at

12 mph. Wouldn't that change the urban landscape?

"It's a very clever, stylish and attractive little gadget, and it's likely to find a useful niche in urban transportation," I was told last week by William J. Mitchell, Dean of the School of Architecture and Planning, author of *City of Bits* and *e-topia*. "However, major changes in transportation modes and patterns depend at least as much on effective strategies for creating necessary infrastructure on a large scale (with the automobile, for example, parking



lots, freeways, gas stations, etc.) as they do on availability of new types of vehicles. It isn't clear to me that there's a way to put the infrastructure for this vehicle in place on a sufficient scale, at a sufficiently rapid pace, for it to have a significant impact in the near-term future. That's the big challenge."

That seemed to make sense, so I checked in with Cambridge City Councilor Henrietta Davis, who is usually at the forefront of municipal transportation issues. Would early-

adopter geeks in Cambridge soon be clogging the sidewalks with *Its*? "I love the idea" of *It*, Davis said, but a "big problem is that it doesn't sound compatible with urban sidewalks. We already ban bicycles and don't want motorized vehicles on the sidewalk. Is there a solution? Sounds like it may work better in the suburbs where the sidewalks aren't so crowded."

But if we're going to try to get suburbanites out of their cars, shouldn't we really try to get them to exercise instead, by walking or bicycling? Some experts predict that in a few years, half of the American adult population could be classified clinically obese; surely the car-dependent suburban architecture of the U.S. is one cause of this great fattening. And if you won't burn any more calories standing on an *It* than sitting in a Ford Excursioner, well, sure, particulate emissions may go down, but cholesterol levels will still be climbing.

I suspect that *It* will be more successful among its commercial and industrial customers: letter and package carriers, park rangers, factory workers, and that sort. Eventually the military will start fiddling with *Its*, and one can easily imagine a brigade of troops rolling at 12 mph into battle. "Not the *It*-mounted infantry!" our enemies will shriek. Ultimately, on finding a niche in commerce or industry, *It* may turn out to be one of those innovations largely invisible to the consumer, like the wastewater treatment plant or the fiber-optic cable — we won't each have to deal with *It* on a daily basis, but we'll all still be better off.

In any case, Kamen and his cronies, despite the release of *It*, still seem to be tinkering. There is buzz about a Stirling engine-powered *It*, a thought that no doubt sets Course 2 hearts afire. If Kamen has figured out how to work with a Stirling, maybe *It* could be more than we now realize. He probably hasn't registered domain names like *mys-tirlingscooter.com* for nothing.

Still, I agree with Dean Mitchell — even in current form, *It* is a pretty cool gadget. And regardless of *Its* impracticalities, I'm right with Councilor Davis when she asks, "When can we try one out?"

Quan's Kitchen's Distasteful Service

Vivek Rao

"Quan's Kitchen." To most MIT students, those two words conjure up images of chicken vegetable fried noodles and scallion pancakes. For me, however, it is a restaurant that betrays the good faith of its customers, and will do anything to make a buck.

For those of you unfamiliar with Quan's Kitchen, it is a restaurant located on Commonwealth Avenue that specializes in Chinese cuisine. While there are tables where people can eat, the majority of the store's business comes in the form of take-out and delivery orders, a large number of which are placed by local college students. The Quan's menu is very diverse, with nearly 200 items, and the restaurant cannot be faulted in that regard. Dishes range from standard Chinese appetizers such as spring rolls and boneless spareribs to a number of varied beef, poultry, and pork dishes. Prices, though not cheap by college student standards, are reasonable, with a majority of meals falling in the six to ten dollar range. Clearly, with its vast menu and affordable prices, Quan's has the potential to be a top ordering option. Unfortunately, shoddy service, which can give a bad taste to even the best cooked meals, will surely be the restaurant's downfall.

Though I have only lived in the Cambridge area for a little over three months, I ordered food from Quan's a dozen times or so — yes, Aramark food is that bad — before I realized the error of my ways. One disturbing theme I found during that time was a consistent overcharging on the part of the restaurant's accountants. Like a gas station attendant who pumps those extra three or four times just to round your price up, Quan's, I have found, will often add thirty cents to one dish, get the tax slightly wrong, and add up the bill to read higher than it should be. The net result is that customers frequently find themselves paying just a bit more than they should be; not enough, mind you, for it to be worth making a complaint to the restaurant, but enough that it can get irritating, and certainly enough for Quan's to gradually make a

little more money.

I am not saying for certain that Quan's purposely overcharged me on multiple occasions, but I would find it hard to believe that they simply made arithmetic errors, over and over and over again. Even if I were to give them the benefit of the doubt that these glitches were simply the result of human error and not intentional greed — something which I am not exactly prepared to do — there is still a trend of overcharging that can be very frustrating to the customer.

Yet this transgression pales in comparison with the restaurant's greatest offense: the poor

About 30 minutes later, the delivery had still not arrived. A Quan's Kitchen employee called my room and said, 'God knows who really ate the noodles. What goes around comes around.'

attitude of the employees who answer the phone for all delivery orders. Among the most important aspects of any eatery — or any business, for that matter — is good customer service, and that is where Quan's falls far short. It would be unfair of me to generalize my criticism of the Quan's staff, but I will say that on many occasions, I have found the employees to be rude, uninformative, and sometimes downright mean. To illustrate this, let me give a couple of anecdotes.

On the first occasion, I placed an order, and was told that the food would arrive in about 30 minutes. I waited about an hour before calling again and asking where the food was. Told that the food was already on its way, I waited again, only to call again about 20 minutes later. This time, the employee, who apparently recognized my voice from the previous time, apparently decided that it was I who was in the wrong, telling me that I didn't need to call and that it would get there soon. Rather than making an effort to resolve the situation, she basically told me to just wait and keep my mouth shut until they felt it was fit and proper to deliver my food. Eventually, after another moderate wait, the food arrived.

Then, about a month ago, I ordered from

Quan's for the last time. Having failed to learn from previous experiences, I opted for scallion pancakes, while my friend chose pork chow mein with crispy noodles. Surprisingly, the food arrived rather promptly. However, my friend noticed that her pork chow mein had not come with the crunchy noodles, which are usually in a small, separate packet.

Logically I called the restaurant, politely told them the situation, and requested that they drop off some crunchy noodles to solve the problem.

At first, the employee assumed that I had barely looked in the bag, and she asked me to check again. I hardly thought that was unreasonable, so I looked some more, until I was absolutely positive there were no noodles. It was then, however, that she took on a more vigilant tone. Repeatedly, for about five minutes, she told me to look again, saying that she was sure that they were there. Whenever I replied they were not there, she would ask me to look again.

After a solid waste of time, she finally eased up and said the driver would deliver the noodles as soon as possible. If only the story ended there. About 30 minutes later, the noodles still had not arrived when the same employee called my room. My roommate answered the phone. While you may assume that she had called to explain the cause of the delay, she instead launched into what may only be deemed a tirade. The exact words sound almost comical.

"God knows who really ate the noodles," she said. "What goes around comes around." As my roommate listened in stunned disbelief, I decided that enough is enough. A restaurant that is so stingy that they will assault a customer's integrity and accuse him of deceit and lying instead of giving up a few cents worth of noodles will never have my business.

It seems that Quan's Kitchen, or at very least a few of the employees who work there, have yet to understand one of the chief principles of good business: trust between the customer and the store. If Quan's refuses to trust me when I say that I have not received my noodles, then I refuse to believe them when they claim to serve food promptly, at listed prices, and with good service.

While many of you may have had nothing but good experiences with the restaurant, I would only caution you that you should not be surprised if you get cheated, lied to, or even yelled at or insulted by a Quan's Kitchen employee.

Abominable Snow, Man

Philip Burrowes

Snow wafted through the air Saturday evening, leaving a light blanket to greet Cantabrigians upon the next sunrise. Days of unseasonably warm weather had come to an end, as if intended to coincide with the last week of classes. No doubt some welcomed this change, having eagerly anticipated an explicit reemergence of the annual Winter Wonderland. Others unaccustomed to "temperate" climates would have experienced their first contact with the phenomenal singularity of snow crystals. Many would even hope for a greater spectacle than the one before them, unaware that the sterility they viewed was the most benign form of a both useless and dangerous affront by Nature against Man.

Rain is clearly a necessary part of life. Without it, there are eventually no crops, let alone anything in which to dissolve already harvested camomile. So we put up with (maybe even enjoy) being soaked or driving slowly, knowing that it is the price to pay for life. Ice, however, aggravates all the disadvantages of rain while diminishing its benefits; along with being soaked one is cold, and the solvency of solid water is much less than that of the liquid. After all, what is snow but less heralded hail?

Hail is obviously a danger. Pedestrians, even when bundled up, may need hours to recover from mere minutes in a hailstorm. Vehicles have drastically limited maneuverability on the slick roads. When combined with low visibility and the general ignorance of most drivers, traffic becomes all the more dangerous. Nor are those waiting the weather out from the confines of their homes, safe, as any outside emergency services they depend on are slowed. Those without homes are the worst off of all, often simply left to await white death.

Why, then, all this talk of letting it snow? Nothing is truly more fun about throwing snowballs and building snowmen than a trip to the beach that is rendered impossible by snow (especially once one accounts for the relative potential to do either over a certain period of time), so the hedonistic argument is untenable. It restricts human life more than it could ever open up new possibilities; other animals are wise enough to choose migration or hibernation rather than brave treacherously snowy terrain.

Those people that do derive any gain from the snowy succubus are little more than wolves in sheep's' clothing. Like the Siberian tiger or polar bear, the shovels-for-hire and snowed-in Wellesley students use the snow to camouflage their true intentions. In the end, they either leave their market spent, or exhaust themselves beforehand.

More dangerously, some are led to believe they are benefitting from snow when in fact they would be better off without it. Aside from the recreational activities which are generally inferior substitutes for events requiring higher temperatures, there are those deluded into believing ice is indeed the optimal condition for action. Ice hockey, bottled water derived from snowcaps, and "conventional" expectations of Yuletide are especially misguided creations. These all place themselves in more precarious positions by relying so deeply and so irrationally on weather conditions when other options exist. What of the less expensive field hockey, good old fashioned Gatorade, and the fact that Christmas' pastoral backdrop doesn't at all mesh with winter?

Apologies are in order to those for whom snow is truly a novel sight. Surely the notion of frozen water manifesting itself in a crystalline white form is a flight of fancy. Whatever joy taken from witnessing such an otherwise fantastic occurrence is to be relished from a merely philosophical standpoint. To those who have lived their entire lives with snow, do not let its current mundanity misconstrue these words as jest. Imagine instead being thrust for the first time into monsoon rains and you will understand that you have not seen every mannerism of water. Yet even those, in all their destructive power, can be utilized by human ingenuity to our advantage.

Even the aesthetic argument for snow — which is subjective — can be countered simply by noting that it's hard to keep anything white clean. Pity those who will catch their first sight of snow as brown sludge on a street corner. That sets aside the naturally harmful visual characteristics it gains when of a large quantity, such as the way it redistributes light or obscures depth. In the end, snow simply has no distinctly beneficial component.

THE ARTS



Dante Anzolini conducts the MIT Symphony Orchestra last Saturday in Kresge Auditorium.

CONCERT REVIEW

Time Travel, MITSO Style

A Trip Through Modern, Classical, and Romantic

By Pey-Hua Hwang

STAFF WRITER

MIT Symphony Orchestra
Kresge Auditorium
Saturday, December 8, 2001

The MITSO concert on Saturday, in a half-filled Kresge auditorium, featured music which ranged from modern to classical to romantic. It opened with a modern piece called *Jubal*, by Peter Child. It was a relatively short piece, but it was executed with enthusiasm. Several points in the piece seemed a bit disjointed, and the ending seemed rather abrupt. However, this feeling of being left hanging without proper resolution at the end might have been the intention of the modern piece. It was greeted with great applause at its conclusion and Child made his way to the front of the auditorium, shook Director Anzolini's hand, and acknowledged both the orchestra and audience with a smile.

After this foray into modern classical music Mozart's *Horn Concerto No. 4 in E-flat major, K. 495* balanced out the first half of the concert. Jean Rife, an MIT lecturer, was the soloist. Technically speaking, the piece played well, however, it lacked some of the lightness and frivolity necessary to truly capture the spirit of Mozart. Rife also had some rather impressive trills; however, some of the other notes seemed a tad bit brassy sounding for the context. When the piece concluded, Rife left the stage twice and returned for a total of three bows.

After the intermission, MITSO switched time periods again and played two pieces by Brahms. For the first piece, the MIT Concert Choir joined MITSO in a performance of Brahms' *Shicksalslied (Song of Destiny)* Opus

54. This piece evoked contrasting sections of peace and tension. The conclusion was particularly well done, however the piece tended to be rather top heavy. By top heavy, I mean that it had overpowering volume from instruments with high notes such as the violins and flutes while the lower instruments such as the bass and cellos that should have provided grounding for the piece were not given proper attention.

The concert concluded with Brahms' *Symphony No. 3 in F, Opus 90*. This piece was also technically solid, but didn't bring out the dark overtones present in Brahms. Many of the secondary melodies that are intrinsic to the complex melodies were buried in the swell of the first violins. The first and second movements contrasted well with each other in tempo, but neither seemed to carry much weight in the mood. The playing seemed rather contrived and lacking in emotional power. Emotion, however, definitely was exhibited in the third movement, which was the definite highlight of the piece. It began in the lower register of all the instruments and built to a powerful climax with timpani at full throttle and the string players all moving to the intensity of the music. The fourth movement, "Allegro," could have been even more exciting; however, it lacked the proper dynamic contrast was played a bit under-tempo and was therefore rather anticlimactic.

Throughout the concert, there were many nice ensemble moments scattered amongst the tutti sections and the choice of music featured a nice variety of styles. Thus, for a college orchestra where most if not all the members are not music majors, the performance made for a pleasant albeit not life-altering evening of orchestral music.

CONCERT REVIEW

Infectious Enthusiasm

The Cross Products Perform Emotional A Capella

Fred Choi

ASSOCIATE ARTS EDITOR

The Cross Products, MIT's Christian *a cappella* group, gave a highly enjoyable and oftentimes moving performance to a responsive crowd in an overflowing 6-120 this past weekend. The Cross Products' singing was impressively full, expressive, and right on key, but more importantly, their energy and enthusiasm were infectious, and their honesty and sincerity were touching and much appreciated.

The concert began with performances by Brown's group With One Voice (which also includes students from Rhode Island School of Design). The group performed their first five songs with energy and high-quality singing, and even performed two additional songs halfway through the Cross Products' program.

However, when the Cross Products began, it was clear that the audience was ready for them. The group navigated a range of songs, some up tempo and some slow ballads. In general, the soloists were a little overshadowed by the group, despite the presence of microphones. This problem had more to do with the balance of the group and the projection of the soloists rather than lack of singing ability. Highlights definitely included the catchy song "The Victim" (by Cass Midgley and originally performed by the Acappella Vocal Band), which featured soloist Chris Tsai '05 and minimalist but not distracting choreography that was both clever and effective. Songs like "This World" (by Caedmon's Call) with soloists Ben Nunes G and Sandy Zhang '03 and "Not Perfect" (by Church of Rhythm) with soloists Lawrence Hsin '02 and Carolyn Chen '02 were particularly memorable because of both the quality of the performances and the sincerity that shone through. The song "Glory, Honor, Power"

(by Michael Pritzel) with soloists Joyce Lin '01 and Daniel Wendel '05 was a great ending to the concert. Lin's voice was strong and her presence nicely captured the meaning behind the song. Lin also shone in her direction of the group through most of the songs, steering the group through the sometimes rapid shifts of each song. It was impressive that even in trickier songs like "Glory, Honor, Power," the group's ensemble, rhythm, and intonation never faltered. The songs also featured strong vocal percussion, most noticeably from Sarah Shin '04.

Like other *a cappella* groups, the Cross Products also included skits between some songs. Along with the familiar but still hilarious demonstration of what a mathematical cross product is (with people as vectors), the group also included the skit "In an Alternate Cross Products Universe." In the skit, the group humorously illustrated the pressures of trying to be like others, and we see what might happen if the group tried to enlist the aid of a famous choreographer (played beautifully by Shin). The final scene had the audience rolling with laughter in the overcrowded aisles. A more serious skit came near the end of the program, to a recording of the song "He" by Jars of Clay. The skit showed different groups of people whose relationships are marred by anger and impatience, but who are brought back together through their relationship with Christ. The skit was moving and its message was clear and well-illustrated.

Accompanied by more than a few cries for an encore, the Cross Products completed their nine-song winter concert to enthusiastic applause. The Cross Products, one of the smaller *a cappella* groups on campus, demonstrated that they are a multi-talented group, putting together a high-quality performance that was both emotional and entertaining.



Brown University's With One Voice, above, opened for the Cross Products last Saturday night in 6-120.

THEATER REVIEW

Urinetown: The Musical

Yes, That Really Is the Title

By Fred Choi

STAFF WRITER

Directed by John Rando
Written by Greg Kotis
Music and Lyrics by Mark Hollmann
Henry Miller Theatre 124 W 43rd St, New York, NY 10036 (Between Broadway and 6th Ave)
Tickets on sale through 4/28/02, \$85-\$35.
Visit <urinetown.com> or <telecharge.com>
\$25 rush tickets sold at box office.

Urinetown: The Musical is an entertaining show which is competent, but relies too heavily on familiar gags. There are many reasons why the show drags, but the main reason is that even at its best *Urinetown* is little more than a very well-produced and directed college parody sketch stretched thin to fill two hours. The show's premises, laid out in the first twenty minutes, quickly become stale, and ultimately it is the standout performances from the cast that saves *Urinetown* and makes it a worthwhile, if not a knockout evening.

The plot of *Urinetown* is fairly straightforward. The scene is a city in a parallel universe

in the mid 1900's in which the majority of the citizens' dreary low-class existence is compounded by a water shortage, which has led to the institution of pay-per-use public bathrooms and the jailing of unsanitary offenders. Urine Good Company is the Evil Corporation that runs these bathrooms, and the CEO, Caldwell B. Cladwell's daughter, Hope, falls in love with Bobby Strong, the leader of the long overdue revolution. Chaos ensues.

The plot is serviceable, but the show could definitely have used tightening. The show includes self-referential humor, in which the characters Lockstock, a corrupt policeman, and Little Sally, a girl in the city, make comments about the absurd title of the show or the predictability of the "hero" and the "heroine" falling in love. This extra padding, along with "naughty potty humor," fail to get much out of its intended mileage. Likewise, the social commentary about a society "with an unsustainable way of

life" feels groundlessly smug, and the satirical references to the musical theater genre and other specific shows, while oftentimes entertaining, are only condiments to an otherwise fairly bland show. In addition, Kotis and Holland make it difficult to feel any sympathy towards their one-dimensional characters, including the ludicrously ditzy heroine or the almost equally clueless hero.

By far the strongest selling point of *Urinetown* is its fantastic ensemble. Jeff McCarthy is wonderfully over the top as officer Lockstock, and Hunter Foster as Bobby Strong and Jennifer Laura Thompson as Hope Cladwell give wholehearted performances to their roles, with Thompson particularly strong in her hilarious gospel performance of "I See a River." John Callum reveals in the evilness of Caldwell B. Cladwell, as does Nancy Opel in a Tony-worthy performance as Penelope Pennywise, the manager of one of the bathrooms. Opel is a vocal

and acting powerhouse and provides the perfect amount of feigned seriousness in such beautifully screamed lines as "Get that head out of the clouds, Bobby Strong! You get it out of the clouds!" Her performance in "It's a Privilege to Pee" is unquestionably a showstopper and one of the highlights of the evening.

URINETOWN
THE MUSICAL

[The original cast recording]

The recording of *Urinetown* reveals that the jazzy score off-stage is as enjoyable as in the theater. The show aptly draws on varied sources including as soul, classic movie musicals, and Jewish folk music in "What is Urinetown?", although occasionally it stoops to cheap shots, such as Lockstock's lounge-y, saxophone accompanied solo line at the end of "What is Urinetown?" Their lyrics tend to be unremarkable (such as "Bobby, think!/You're standing on the brink!/You'll be arrested son/Perhaps as soon as noon," from the Act One Finale), but for the subject matter not much more is required. A few of Hollman and Kotis's songs rise to a higher level beyond mere competency, as in the clever "Don't Be the Bunny," which includes various scenarios depicting the demise of innocent rabbits, with the memorable images "Good-bye, Bunny-Boo/Hello, Rabbit Stew!" and "With a mallet and some clippers/You find out: new bunny slippers!"

Urinetown is an enjoyable musical, although not "must-see" theater. It is quite disappointing that *Bat Boy*, which also opened this past season, closed only recently Off-Broadway. Both shows feature similarly tongue-in-cheek humor, but *Bat Boy*, based on a recurring supermarket tabloid character, had a far more humorous, clever, and curiously moving plot and score. If you're in New York, *Urinetown* might be worth checking out, but here's hoping that a national tour of *Bat Boy* will turn up soon.

INTERVIEW

Vanilla Skies Ahead

Vanilla Sky Makers Tom Cruise and Cameron Crowe

Tom Cruise and Cameron Diaz (left) star in the psychological thriller, *Vanilla Sky*.By Devdoot Majumdar
ARTS EDITOR

Director Cameron Crowe (*Jerry Maguire*, *Almost Famous*) and actor Tom Cruise took time out to talk to *The Tech* about their latest venture, *Vanilla Sky*. Throughout the interview, Cruise found it in his heart to flip the cassettes in those recorders that clicked off.

What was the single defining moment that you think captures the essence of Vanilla Sky?

Cameron Crowe: There was one moment that we sort of found as we were shooting. I went to visit a friend of mine and saw that he had papers spread out all over his house, and

placed for the audience, all the clues are in there, and when you see the picture again, it's a film that can mean more, or something different, the next time you see it. Those moments of "what is casual sex?" is there that promise? Yes, you can walk away from having a sexual experience with someone, but you're physically walking away, but yet emotionally... it's there. What happened? Was there a promise made?

CC: To me, it's just stories around a campfire. I sort of think of it as a bunch of people late at night sitting around a campfire. One guy says, "A kid is a young journalist, and his mother won't let him listen to rock and roll," and that's one story. And then the next guy goes, "A guy has a nightmare that he's alone in Times Square." And you know, it's all different ways of telling a story. This is a slightly different one than the last one, and I think I learned a lot

about new musical instruments creatively that I'll never forget. To work with Tom, you get everything. You get all the benefits of a character, and all the benefits of a person that can represent love, and it's just a joy.

Cameron, you have a reputation to uphold with regard to the soundtracks of your films. Tell us about the importance of music to this film.

CC: We played a lot of that music while we were making it. And that's when the movie starts to get a feel and that starts in the writing. And those bands, particularly Radiohead — we listened to *Kid A* constantly — especially here in New York. And I still think of it constantly, walking the streets. And then there was Sigur Ros from Iceland. I couldn't find the right piece of music to end the movie with. I went to see Sigur Ros in LA and they played the song, it's called the "Nothing Song." Music and film make such a great marriage when it works. We usually have a lot of fun in the editing room. Tom would come and visit, and we'd just try different music. And when it works, you just have to step away and go, "Whoa! Now, can we just get the music?" And then it begins the process of asking for it.

Why do you think a remake of Abre Los Ojos was merited?

TC: I've been offered a lot of films to buy and remake, and I never have because I felt it was too connected with the culture of that place, whatever country it was from. But this was a universal story that was still open-ended, that still felt like it needed another chapter to be told. And I think that we see it and when Alejandro saw it, he was amazed. The first thing he said to Cameron was, "I feel like we are two brothers, asking the same questions, but we have different answers."

I think that it *Open Your Eyes* is very much an Alejandro Amenábar picture, and this is very much a Cameron Crowe picture. His voice is in it, and you see the dialogue between pictures. When you look historically at films that have done this, they're never approached in this way. It's a remake, as opposed to a cover and an artist will be viewing it with his own characters and his own questions. And for me, someone who loves movies, I was fascinated to see what it was going to be like, and I felt that obviously the characters that Cameron was going to bring to the table were very special.

What about Tom Cruise as an actor made you want him for this role?

CC: We were definitely looking for something that we could do together, and we both loved *Abre Los Ojos* (*Open Your Eyes*). It's just a great movie and a great jumping-off point for asking questions in a different way. I'm not a fan of movies where something happens physically and the whole movie is about the affliction. Sometimes they're good, but it's hard to get past the affliction into the story. This one, it just felt like part of the character, and he plays it that way. It's a guy whose journey includes the effects of an accident. But as you know, people in real life have been through that — they work very hard to show you who they are inside, and sometimes it only happens when they're forced to show you what's inside. And that's how we played it. If you see the movie again, you start to go right past whatever physical affliction is present, and you see what's going on in the person, and that's a great thing. That's why I made the movie.

Cameron, how do you get your female leads to play such unique and realistic characters?

CC: Kate [Hudson of *Almost Famous*] and Penélope both have this great ability to make you feel like you were watching them live a whole life, or say a whole huge speech, but really they were saying nothing, and you're just watching their face. And that's the coolest thing of all, and a lot of actors don't get characters that allow them to say that silently. So it's so much fun to just play music and let actors have a chance like that, because they give you gifts like you wouldn't believe.

Do you think you could have made this film in your first days as a director or do you think it required some evolution?

CC: Well, we loved making a romantic comedy for sure, and it's not like I was looking for a more serious thing. This just came along. It was a movie that we couldn't stop talking about, and it became the genre that it is, which is no genre, or many genres. I connected to some stuff that happened when I was a little guy reading Ray Bradbury. I loved those interior kind of quasi-science fiction stories, and we just found ourselves there, and

loved where we were.

In many ways, the film is a critical look at the effects of pop culture. What do you feel it says about the subject?

TC: For me, this is a pop culture ride. You look at the music that was chosen, the characters, Times Square. The iconography of the picture is pop culture. I don't think that it criticizes it. It's just a look in on it. It's just a comment on something that's in our own lives. You can't disassociate yourself from it. It just is. And Cameron knows pop culture, he really understands that, and has looked at it from the inside out for his whole life.

CC: One of the cool things is that, probably more than Tom even knows, he represents pop culture, too. Just in terms of the way people have related to his work so much. It's a wild beast, trying to make a timely movie about pop culture [laughter].

*Spielberg says before he makes a movie, he looks at 4 films — he looks at *Seventh Samurai*, *The Searchers*, *It's a Wonderful Life*, and *It's a Wonderful Life*.*

CC: Sooner or later, I watch the *Apartment* again. Sometimes it's *Local Hero* for just the

And Rainman kind of kicked my ass because Barry Levinson is so good at creating a world of characters where every little twitch matters.

he was trying to read while standing up, and I thought, "How great if David Aames, when he's an indoor-bound guy, would have all these memos spread out, and he would just be walking, gaining strength as he's looking at these words." You [to Cruise] had that bathrobe, and you were just kind of shuffling through all these memos, and then later you did that voiceover and you said, "People will read again." It gets me. I love his voiceover stuff, it's one of my favorite things. It began in *Jerry Maguire*, and we were able to use it again. It's somebody talking right to ... one person, not to everybody.

Tom Cruise: And when Cameron gets excited about something, we do it over, and over, and over again [laughs]. There's moments on the set where we can't help it, you get lost in it. You're on the Crowe ride, so you're just like, "Yeah, I can do it, I can do it."

Was this film a departure from past films for both of you?

TC: First of all, I never thought that I'd be able to do what I'm doing. I did *Taps*, *Losing It*, and I realized, "You know what? Here I am in this place. I don't know what's going to happen, but I'm going to do the things that interest me and learn,"—and I learn from every film that I've made.

I've always tried to do something that I felt was a challenge to me. I've never taken for granted the opportunities I've had, and the gifts that I've been given by many people. So this kind of picture, it is out of bounds. Its the subject matter that I'm interested in, that I love talking about with Cameron: the effects of pop culture on society, what is casual sex, what is love. It's a film that gives you a pop culture thrill ride, yet there's all those other elements involved. Cameron has these jewels

Those moments of "what is casual sex?" Is there that promise? Yes, you can walk away from having a sexual experience with someone, but you're physically walking away, but yet emotionally... it's there. What happened? Was there a promise made?

beauty of characters that speak in a certain way. When we were making the movie, *Rainman* was on TV. I came home and watched the it. And *Rainman* kind of kicked my ass because Barry Levinson is so good at creating a world of characters where every little twitch matters. Everything counts — people watch everything. In the same way, in this movie, every little frame is packed with stuff and everything the characters say does matter. So any movie that you watch for inspiration would hopefully remind you that the audience is always listening, and always watching. So don't squander the opportunity. Two hours is like a great opportunity to program your own radio station, to play music that people are really going to hear, and to get into the riches of character.

FILM REVIEW ★★★1/2

Ocean's 11

Style, Not Substance

By Amy Meadows

STAFF WRITER

Directed by Steven Soderbergh

1960 Story by George Clayton Johnson and Jack Golden Russell

1960 Screenplay by Harry Brown and Charles Lederer

Screenplay by Ted Griffin III

Starring George Clooney, Matt Damon, Andy Garcia, Brad Pitt, and Julia Roberts.

Emerging from jail in his tuxedo, Danny Ocean (George Clooney) is a man on a mission. Like the Blues Brothers, Ocean is "getting the band back together." A few hours after his release, he is in an Atlantic City casino recruiting his old friend Frank Catton (Bernie Mac), a man with a history so bad that he had to change his name to Ramon to get a job in a casino.

Ocean's next stop is his old friend Rusty Ryan (Brad Pitt). Rusty has been out of the con-man business since Ocean's lock-up four years earlier. Now, he teaches poker to obnoxious and dim-witted teenage idols. *Dawson's Creek* Joshua Jackson has a great bit part here as himself. Throwing down \$500 in a game of poker, he comments, "It's only pocket change, right?"

After he assembles the rest of his expert crew of eleven members plus financial backer Ruben Tishkoff (Elliot Gould), Ocean sets off to do the impossible: rob three Las Vegas casinos. To make things more complicated, the three casinos — The Mirage, MGM Grand, and The Bellagio — are all owned by the ruthless Harry Benedict (Andy Garcia) who happens to be dating Ocean's ex-wife Tess (Julia Roberts).

Ocean and Rusty are always impeccably dressed. The rest of the characters, also have their own calm, cool demeanor and style. The point here is that *Ocean's 11* challenges the standard conceptions of good guys and bad guys.

The colors of the scenes are breathlessly striking. The fountains outside of The Bellagio play a central role in the views of Las Vegas. The night sky is a deep purple and blue, while the inside of the casino is a glitzy gold. Because the movie showed only a few casinos and never the entire strip, the movie seemed like a commercial for The Bellagio. The original *Ocean's 11* has as much to do with the mystique of Las Vegas as the heist itself. After all, the reason the Rat Pack—Frank Sinatra, Dean Martin, and Sammy Davis, Jr.—made the original was so they could hang out in Las Vegas.

The new version of the film barely resembles the older version. It is more of a fairy tale, while the original had a gritty reality to it. However, this version has its witty, funny moments and is eminently entertaining because you are rooting for the bad guys.

Despite the star-spangled cast, Soderbergh's remake still lacks gusto. Just as Rusty explains to Linus (Matt Damon) that when he cons someone, he has to fade out of memory once he leaves, *Ocean's 11* quickly fades out of memory. Because it has no drama and weak characters, the film has little to distinguish itself from the hundreds of other movies.

Ocean's 11 is a sleek and stylishly packaged movie, ready for mass consumption. However, it lacks substance behind the style.



Can't create your own art? Then write about it for *The Tech*.

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INTERVIEW

Trans-Siberian Orchestra

Not to be Confused with the Electric Light Orchestra



TRANS-SIBERIAN.COM

TSO Musical director Robert Kinkel (shown here) along with TSO founder and lyricist Paul O'Neill have been heralded as "America's First 21st Century Renaissance Man."

By Brian M. Loux

ASSOCIATE NEWS EDITOR

The Trans-Siberian Orchestra may not be familiar to many, but almost everyone has at least once heard their hit Christmas Eve: Sarajevo on a rock radio station or in a sports stadium. Combining driving rock with classical music like Beethoven and Carol of the Bells, they have created a unique sound all their own. The orchestra was ultimately the creation of Robert Kinkel (who now is a producer for the tour) and friends growing off of the success of their collaboration on Savatage's rock opera *Dead Winter Dead*. Kinkel was able to speak to *The Tech* about this year's tour and the orchestra's origins.

The Tech: There have been reports from some radio stations that Savatage and Metallica have worked with the Orchestra in the past.

Robert Kinkel: No, not Metallica. But Al Petrelli, who's been taking up the West Coast Tour this season was in Megadeth for a while and also Alice Cooper.

TT: Why did you decide to split the two tours into east and west?

RK: We're touring our Christmas show, and there are only so many days between Thanksgiving and New Year's Day and we had so many requests from cities to have us come and play that the only way we could viably do it was to split the band down the middle.

TT: You had enough people for that?

RK: Yeah we've had a lot of people over the course of the 3 CDs that it's been easy to find people of top quality. These are the best players I've ever worked with. The two tours are equal as far as musicianship and singers. We made sure to have some original singers on both tours.

TT: Are there special logistical requirements for the guitarists and the singers when they perform with the orchestra?

RK: Not really. At all times we have 21 people on stage: a full rock band (2 guitarists, 2 keyboards, and base drums), an 8 piece string section, 6 singers and a narrator plus a light show designed by Brian Harley who works with KISS and other bands. For the first half we perform the first CD (*Christmas Eve and other Stories*) which is a Rock Opera. It combines Rock and Roll, Classical Music, Orchestral Music, Theatrical Music and even some R and B as well. For the first half you're though the stories emotional journey, which is more theatrical. Then in the second half there is a traditional rock show.

TT: How is the story from *Christmas Eve and Other Stories* told?

RK: On the CD pullout there is poetry in between each song. That is what is being read. We have Tim Cain who is reading it, with music behind him as he reads. He is an amazing storyteller.

TT: Has the TSO done any other CDs besides the two Christmas ones?

RK: We have three. *Christmas Eve* is first, *The Christmas Attic* is second, and our third is called *Beethoven's Last Night*. It's our first non-holiday release. In the second half of the show we draw from the second and third CDs.

TT: You worked with Savatage in their opera *Dead Winter Dead*. Did they perform that alone or with an orchestra?

RK: With Savatage you don't do too much live orchestral music like in TSO. I've been working with Savatage since 1986 with their *Hall of the Mountain King* record. That is how the three of us (guitarists) met. I was brought in as a keyboard player to do orchestral stuff for them.

TT: Did the work there influence you to create the TSO?

RK: Well, it grew out of that. (Exec Producer and Savatage producer) Paul O'Neil and I started writing together in the early

90's. Paul and (Savatage's) Jon Oliva have been writing together for a long time. I was brought in to add another musical direction to the group. We have written a Broadway play *Romanov: When Kings Must Whisper*. It's something where you aren't restricted to a rock band where you have only 1 or 2 singers. Like the TSO, it became another outlet for another side of our musicality. And we are always able to find the right singer for each role from bands we know or Broadway shows or auditions.

TT: What were some of your highlights with Aerosmith?

RK: Well Paul produced some of Aerosmith's classic live CDs and I helped him out with that. Plus I worked with them in Record Plant on their *Rock and Hard Place* album.

TT: So you majored in Music and minored in physics and later went to Columbia on a Physics Fellowship. Why did you choose music?

RK: Well, it was the musical part of me. I've always been playing in bands and with keyboards. I've always been interested in the technical side of music as well as the playing side of it.

TT: Is that where the physics background came in.

RK: Yeah (nervously). The physics actually always interested me so it was just kinda fun. Nowadays I like to read *Science Times* for fun. While I was at Columbia I just had an opportunity to work at Record Plant and I realized then that was what I wanted to do, so I left the masters program.

TT: What is Record Plant?

RK: It was a major production studio in New York at the time. It's not there anymore. I remember the first day I walked in and Cindy Lauper was doing her debut album, Joan Jett was down the hall, J. Giles Band was doing "Freeze Frame" upstairs, and Tom Petty walked through. Within six months of being there I was out recording my favorite band, The Who.

TT: Did the inspiration of the music with TSO come from The Who and Tommy?

RK: Well, it came from everywhere. It was definitely part of the list but also part of that were the classical composers, especially the Russian composers. I also grew up listening to progressive rock and traditional rock and those influenced me too. We all have a lot to draw from; it's not like there is one source we can credit.

TT: How do you draw from two somewhat different musical styles?

RK: Well, there in the metal world and the progressive rock world there is a lot of crossover. In the high level of musicianship people always will turn to the classics in a lot of ways. It's not that hard to incorporate. Melody is melody.

TT: How do you deal with classic music purists?

RK: To be honest, we haven't gotten too much of that. Last year when we were touring, we're asked to all sign a 12 year old's violin. Most people who do it think the performances are wonderful. I was talking to the director of the Opera House in Detroit last weekend. He thought [our use of classical composers] was amazing, and that's from a director of an Opera House. From my experiences, it is very well received all around.

TT: What does the orchestra do in the other seasons?

RK: Right now we are working on putting together a tour of Beethoven's last night this spring. A lot of the time is also spend on new writing. We are working on compiling the *Romanov: When Kings Must Whisper* CD as well as a third Christmas CD, *The Christmas CD*. We are also developing a much lighter CD called *Running with Passions of Fairytales* that will for emphasize the storytelling aspect of our past works. The story aspect has become sort of our trademark.

The Trans-Siberian Orchestra will perform in Boston the 14th and 15th at the Orpheum Theater.



Performing before a packed audience Saturday night in 10-250, Chris Vu '04, delivers a stirring rendition of Usher's "U Remind Me," arranged by Dave Kong G. The MIT Logs Winter Concert opened with the Middlebury Mamajamas and Yale's Proof of the Pudding.

VIDEO GAME REVIEW

Dragon Warrior VII

Seventh Time Not the Charm

By Chad Serrant

STAFF WRITER

Published by Enix for the Sony Playstation
\$44.95

Rated T for Teen

As I finished *Dragon Warrior III* for the Game Boy Color, I realized that Enix would publish a game from their famous *Dragon Warrior* series for the Playstation. My opinion of the new incarnation: it seems a little dated.

The *Dragon Warrior* series hasn't changed much throughout the years, and the story is still very lighthearted. The main character is a fisherman's son (who looks a heck of a lot like Nintendo's Link), who lives on the only island in this world with the spoiled mayor's daughter, Maribel, and the brave yet simpleminded prince Kiefer. He discovers an old temple that leads to other islands, and learns that his mission is to save the islands from disaster. As he saves each island from disaster, it appears in his world.

Unlike the first few *Dragon Warrior* games, *Dragon Warrior VII* is story and battle driven. The first island has no monsters on it, and you have to go through several story events before you can get to another island. Once you arrive on the new island, you can travel to the nearby town, which has some kind of problem. You solve the problem (either by fighting the evil monster or examining the right areas), and then return to your homeland and find clues to the next world.

The battle system has not changed much. The battle is turn-based, and the characters can attack or cast spells. Even the perspective is the same first-person view it has been since *Dragon Warrior I*. I was hoping for something a little new, perhaps a third-person view or maybe a time based system. This system was okay for *Dragon Warrior I*, but this is part VII. You think they would have changed something in seven ties.

We could argue about whether the battle system needs to be changed, but the graphics definitely need an improvement. In the over-

world, the characters are 2D sprites on a 3D world that can be rotated to your liking. The problem is that the sprites are scaled horribly. I'm sure that this was acceptable 5 years ago, but this is simply unacceptable nowadays. *Xenogears* and *Breath of Fire 3* were published at least two years before this, and they handled sprites a lot better. Luckily, the enemy sprites you face during battle look a lot better and are loaded with animation. If only they kept it up for the rest of the game.

Perhaps my problem with this game is "been there, done that." *Dragon Warrior I* was revolutionary in its early days, but the RPG genre grew with time, and has added new features to the basic combat system. *Final Fantasy IV* added a time system so that fast characters could move more often. *Breath of Fire* added a Master system so you could adjust your stats when you level up. But *Dragon Warrior* hasn't changed much since its original incarnation. That means you could buy a previous version (like the portable *Dragon Warrior III* for the Game Boy Color) and you won't notice a large difference between part III and part VII. Why buy another copy of the game you've already played?



The music is very light. It fits the "let's wander around solving lots of mysteries" approach that I like. Nothing is too serious, and the music has been of better quality than the previous *Dragon Warrior* games. Many of them are redone versions of previous *Dragon Warrior* music, like the main menu song and the save game song. The sound effects are also light, and are appropriate with the setting.

Besides the music, everything else about the game seems old and dated. There are no new innovative features to this game except the simple 3D implementation. If you want to taste the *Dragon Warrior* series, try part III for the Game Boy Color, and hope that Enix tries something new for part VIII.



Betty Parris, played by Joia Hertz '04, awakens, delirious from illness, and starts accusing Salem women of witchcraft in the MIT Community Players' production of Arthur Miller's *Crucible*. The show plays again this Thursday, Friday, and Saturday at 8 p.m. in Little Kresge.



Season's Greetings



from
the staff
of
The Tech



IAP Prime Recruitment Period For Independent Living Groups

Panhel, from Page 1

Schmelzer decided to run for president because she "was getting really excited about these changes." As president, she said she will help develop the Panhellenic community while establishing its name on campus.

In addition, Schmelzer wanted to share her excitement for sisterhood with Panhel, which she views as a larger version of sisterhood than her individual sorority. "The idea of sisterhood is something that I really love ... and would like to share," Schmelzer said.

Her executive board will also include Susie Lee '05 (Kappa Alpha Theta) as the Vice President of Programming, Sara Pierce '03 (Sigma Kappa) as Vice President of Recruitment, Joanne Chang '03 (Alpha Chi Omega) as Vice President of Administration, and Sarah E. Poulsen '04 (Alpha Phi) Vice President of Finance & Records.

"We have a great executive board," Wang said. "They are such a dynamic group, between their experiences, enthusiasm, leadership and initiative, that they are going to rock."

The Cabinet members, unlike the executive board, were elected by the Panhellenic Association on Saturday. The Cabinet includes: Karen A. Ritter '04 as Assistant Recruitment Chair, Sue Y. Young '05 as Social Chair, Veronica A. Andrews '05 as Health/Wellness Chair, Stephanie L. Berger '03 as Scholarship Chair, Danielle N. Dahle '05 as Community Service Chair, Emily I. Chang '05, Liz T. Nguyen '05, and Anita G. Shaw '05 as Publicity Chairs, Anna E. Holt '05 as External Relations Chair, and several Delegates, with two Assistant Delegates to be determined.

During their speeches, "they [the Cabinet members] hit on every necessary aspect," said Wang. "I don't think that there is anything that they cannot handle."

Wang said she was excited that "after 15 years, [the sororities] are on their own two feet."

LGC to conduct spring rush

The Living Group Council will host a Kickoff for LGC spring rush on Friday, January 25 in Killian Court.

The LGC houses want to pool together their resources to help con-

tribute to a more successful rush for each house, Mitton said.

"We are looking to get our name out by showing people what we are about," said Pika Rush Chair Sarah R. Gottfried '04.

The LGC has already introduced the notion of an LGC rush on campus with its ice skating event that it cosponsored with the Class of 2005 last weekend. It will also sponsor a study break on Thursday evening in Baker House's dining hall.

The LGC voted to host these preliminary events as an organization because "there are a lot of similarities between the LGC houses," Mitton said.

The LGC will continue its rush during the Independent Activities Period until the beginning of classes. Ray Vichot '04, of Fenway House, said that IAP is a more convenient time than during the academic term for the LGC to conduct its rush.

Most of the LGC houses will continue to rush with the IFC during its spring rush. "We are still [members] of the IFC," Mitton said. "People may look at other IFC houses and stop by our houses...so if people are interested, we want to be around."

Gaggle Cops 122nd Manboard Elections

Special to The Tech

As the war on terrorism continues in Afghanistan, the war on office messes continues at the Tech under the continued diplomacy of Chairman and Secretary of State Jordan "A%&*" Rubin.

"The President fully supports Chairman Rubin in continuing this important battle," said White House Press Secretary Ari Fleischer. Stepping up to the position of Editor In Chief and Attorney General was Kevin R. Lang, replacing outgoing Editor Dana A. Levine. Many within the Tech were initially skeptical of Lang, calling him a leftover from Cold War MIT reporting, but have been pleasantly surprised by his tough news meetings and drinking ability.

Outgoing Business Manager and Head of the Joint Chiefs of Staff Huanne Thomas gave her full support for Rachel Johnson, who pledged a swift response to the Coke machine problems, but warned that a long-term solution could take time.

Meanwhile, at the Department of Production, Joel Corbo emphasized the importance of fighting for deadlines even as outgoing Central Arts Intelligence head Devdoot Majumdar encouraged fifteen arts-story issues that go to press at 5 a.m. Central Operations Manager Jasmine Richards declined to comment.

In a usual development, two aging officials, Annie S. Choi from the Central Arts Intelligence and Rima A. Arnaout from the National News Collection Agency, opted to move to senior but meaningless positions at the Agency for Contributions from Fogies. Administration officials emphasize that the ACG will be a better, less meaningless place with Choi and Arnaout. Arnaout, who leaves her position as NNCA director, will not be replaced soon.

Administration officials, who asked not to be named, have indicated that the CAI will now be headed by sophomore Senator Dan Robey (I-MA) and longtime news collection official Sandra Chung. Hopes are high that their desk will be rescued from under a pile of promotional materials soon.

Other intelligence agencies have remained stable. At the Photographic Intelligence Agency, Senior Analysts Nathan Collins and Wendy Gu will stay on for the time being.

The NNCA, without a formal

director, will be run by the current assistant director, Jennifer Krishnan, and two associate directors, Eun Lee and Brian Loux.

In a startling shakeup at the Department of Production, former Assistant Night Director Ian Lai returned, though it could not be determined whether he was aware of his former post. Asked whether he had formerly held the position, Lai said, "I think so..." Joy Forsythe, a current Assistant Night Director for Deadlines and Beatings, will continue in her post.

Meanwhile, in the spin rooms of the West Wing, current Press Secretaries/Talking Heads Jyoti Tibrewala and Kris Schnee will also continue in their posts. Their opinion on office cleanliness was not clear, but their desk is usually clean. Opinionated Ming-Tai Huh, no connection to the Talking Head post, will be ranking Technocrat, so at least the computers will be clean, or so hope Rubin and Corbo.

The new cleanliness movement will also see new press liaison Aye Moah. She will be joined by former Joint Chiefs Head Huanne Thomas. Former Managing Secretary of Defense & Production Eric J. Cholankeril now moves to Senior White House Coke-Machine-Water-Mess Advisor.

In a bizarre scene Saturday, Former Assistant Night Director Andrew Mamo was being groomed for National Security Ombusman when he discovered he could then no longer work at the Department of Production and hence declined. Following that, Central Arts Intelligence Director Majumdar nominated Thomas for the post. It was not clear at press time why.

Meanwhile, a hawkish National Security Advisory Board was elected, including recently certified Genius Jonathan Richmond. Other members include: Media Intelligence Officer V. Michael Bove, White House Counsel Robert Malchman, New York News Collection Director Barry Surman, Former Washington Bureau Breakfast Buyer Anders Hove, Slacker Saul Blumenthal, Indexing Professor Paul Schindler, Left-Wing Analyst Joel Rosenberg, longtime Imagery Intelligence Officer B.D. Colen, former CAI official Vlad Zelevinsky, and generic Federal Agent Eric J. Plosky. All pledged to do what they could to help in the cleanliness effort.

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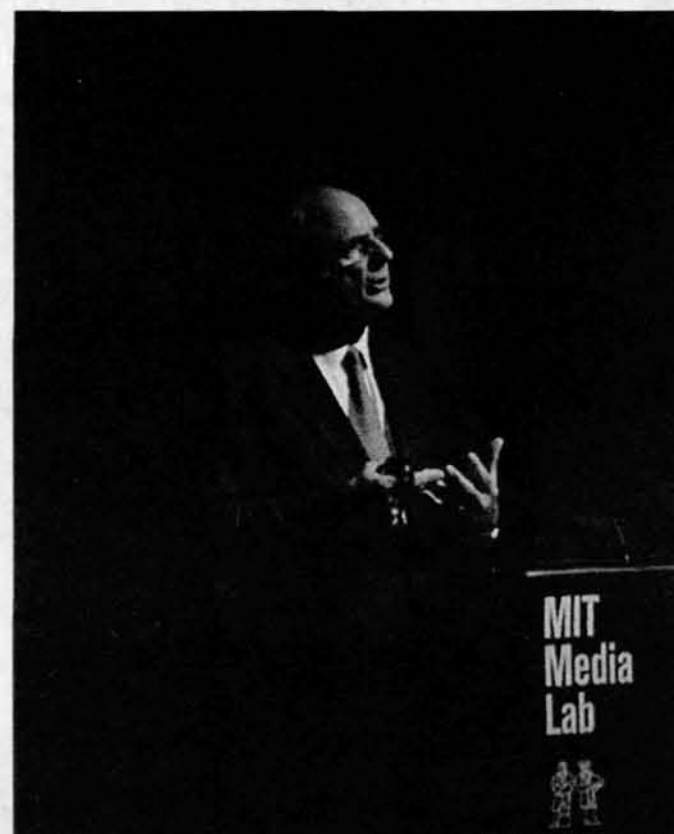
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ERIKA L. BROWN—THE TECH

Norm Augustine, former President and CEO of Lockheed-Martin Corporation, entertains a packed house at the Media Lab's Brunel Lecture, "Simple Systems and Other Myths," last Friday. The humorous talk, based on nine "Augustine's Laws," focused on the complexity of systems engineering concepts in the aerospace industry and elsewhere.



NATHAN COLLINS—THE TECH

Along with the first snow of the year came a bench perched atop two giant snowballs on Killian court. While the snow did not come in especially large amounts, MIT students took full advantage of it, making snowmen and having snowball fights Saturday night.

The Tech and Tech Media Group Congratulate

Sanjay Basu
2002 Rhodes Scholar

The Tech Associate News Editor, Volumes 119 and 120

Founder of MURJ

MIT Department of FACILITIES

CAMPUS CONSTRUCTION UPDATE

Memorial Drive Traffic Signals

Cold planing of Memorial Drive around the Endicott and Wadsworth Street intersections will take place during regular daytime hours during the week of December 10-14. This will involve grinding of existing pavement. Noise and dust directly adjacent to the construction will result.

NStar Transmission Line project

NStar is installing a 115 kv transmission line along Memorial Drive from Pleasant Street (near Howard Johnson's) to the Longfellow Bridge. This work is now underway and will continue through the winter. Lane restrictions may cause traffic delays.

Media Lab Expansion

Demolition of Building E20 is complete. Demolition of E10 and the existing loading dock continues, generating noise, dust, odor, and vibrations. Jersey barriers are in place to protect pedestrians from street traffic. Demolition will be discontinued for study and exam week, December 13-21.

Dreyfus Chemistry Building

Continuing work on the facade of the building will cause vibrations. Moving of offices and labs will cause some disruptions for Building 18 occupants. Areas south and west of the building may be fenced off to accommodate staging requirements.

Vassar St. Utilities

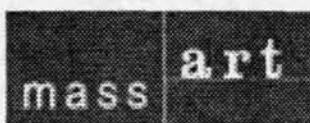
Construction will begin on drain line starting at Mass. Ave. and continuing to the Stata Center. Two lanes of traffic will remain, although parking along this route may be restricted. This work will continue through the winter.

For information on MIT's building program, see <http://web.mit.edu/evolving>
This information provided by the MIT Department of Facilities.

SPRING 2002 CROSS REGISTRATION



*at Massachusetts College of Art
and the School of the Museum of Fine Arts*



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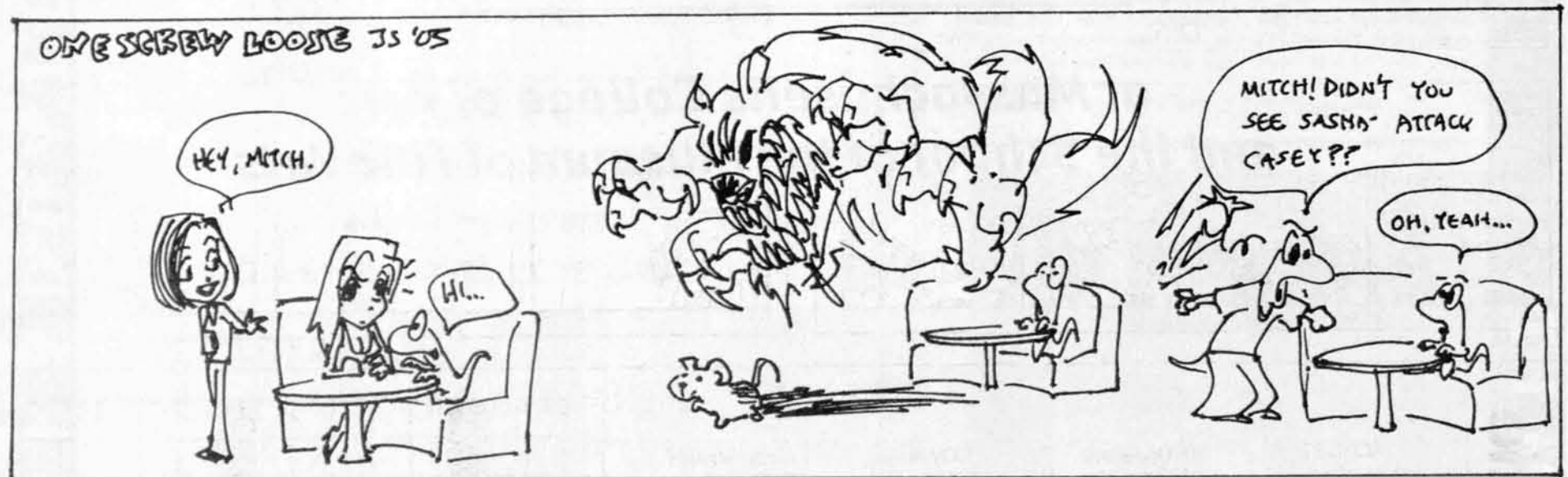
COURSE LISTINGS AVAILABLE AT:

Students Services Center (11-120)
Architecture HQ (7-337)
Visual Arts Program (N51-315)

Enroll in selected courses at either of these nationally recognized institutions for MIT credit. All courses are pass/fail.

For more information please call the Visual Arts Program at 253-5229 or email slb@mit.edu.

mat solar



FINALS COUNT DOWN...

pooplets & pooplings 12/11
-Nancy Phan



Ward's

FRANKIE & Friends

JUST ONE DRINK, I PROMISE.

LUMP THE 1-EYED INVAID

BUT SHOULDN'T YOU BE SOBER IN THE MORNING?

SHUT CHO 'TRAP, YOU STOOID LIL' SHIT!

ALARM

ALWAYS GOTTA HAVE A COMPLETE BREAKFAST

NO COMPRAMISES

dtanaka@mit.edu

12/04/01

FoxTrot

by Bill Amend

SO, ANY IDEA WHAT THE KIDS WANT FOR CHRISTMAS?

OF COURSE.

PETER WANTS A SPORTS CAR, PAIGE WANTS A DATE WITH JUSTIN TIMBERLAKE, AND JASON WANTS A COPY OF EVERY VIDEO GAME EVER MADE.

SO, ANY IDEA WHAT WE'LL BE GETTING THE KIDS FOR CHRISTMAS?

NOT A CLUE.

PAIGE, WILL YOU CALM DOWN?

CALM DOWN?!

IT'S THE MIDDLE OF DECEMBER AND I'VE GOT A BIG RED ZIT ON MY NOSE, MOTHER!

WHAT'S SO SPECIAL ABOUT DECEMBER?

JASON, COME HERE, PLEASE.

WHAT CAN I DO FOR YOU, AWAY, SEE???

JASON, GO SEE???

AAAAA!

I WISH YOU'D NOTICE YOUR PIMPLES BEFORE FILLING YOUR MOUTH WITH TOOTHPASTE.

WHY NOW?? WHY NOW??

Dilbert®

by Scott Adams

YOU NEED TO HIRE PEOPLE WHO WON'T BE A THREAT TO YOU.

THE DOGBERT RECRUITMENT AGENCY SPECIALIZES IN THE PLACEMENT OF CLUELESS PEOPLE WITH BAD HAIR.

I DON'T KNOW... THEY STILL LOOK THREATENING.

PERHAPS I CAN INTEREST YOU IN OUR CADAVER PROGRAM.

WE'VE HIRED THE WORLD'S MOST INNOVATIVE DESIGN FIRM.

WE'LL OBSERVE THEIR SUCCESSFUL METHODS AND STEAL THEM FOR OUR OWN. HEH HEH HEH.

MAYBE THEIR SECRET IS HIRING SMART PEOPLE.

I'M HOPING IT INVOLVES EASELS.

CREATIVITY EXERCISE

TEAM ONE MADE A DEVICE THAT CONVERTS AIR TO ELECTRICITY.

TEAM TWO USED THEIR HOUR TO CREATE A MISSILE DEFENSE LASER.

TEAM THREE, DO YOU NEED MORE TIME?

IT'S A SCISSORS HOLDER!

Crossword Puzzle

Solution, page 16

ACROSS

1 Mr. Baba

4 Rascal

9 Stairway, in Milan

14 Edge

15 bear

16 Abodes

17 High mountain

18 Similar

19 Vibrant

20 Exalted poet

22 Induced insensibility to pain

24 Reconnoiter

26 Water pitchers

27 Rosary unit

29 Pie mode

30 Component

34 Significant period

36 Took an inside photograph

38 Toast topper

39 Interrogate after a mission

41 Upper limit

43 Out of work

44 Motionless

46 Bossy's comment

47 Drove (a nail) obliquely

48 Match unit for Venus

49 Durante feature

51 Pullman bed

53 Baseball teams

56 Best man's counterpart

61 Fret

62 Bucolic

63 Bitterly pungent

65 Exist

66 In the rigging

67 School composition

68 Tombstone letters

69 Fender flaws

70 "Steppenwolf" author

71 Thus far

DOWN

1 Some semites

2 Pinkish purple

3 Not likely

4 Health resort

5 Soft drink

6 Dress design

7 Allow to pass

8 Choose in advance

9 Former rulers of Iran

10 Composer Porter

11 "Lucky Jim" author

12 Jeans man

13 Strauss

21 Expected

23 Soon-to-be former car

25 Cab

28 Puts on clothes

30 D.C. old-timer

31 Providing nourishment

32 City on the Truckee

33 West African republic

34 Cut and splice

35 Make over

37 Consequence

40 Buttons of film

42 PC image

45 Diplomatic official

50 Bro's sibling

51 Big swigs

52 Employs

54 Uncanny

55 Used a broom

56 Golfer Faxon

57 Govern

58 Press

59 Crazy

60 Switches to low beams

64 Sandra of films

Events Calendar

Visit and add events to Events Calendar online at <http://events.mit.edu>

Tuesday, December 11

8:30 a.m. - 8:45 a.m. - **Morning Prayer**. Brief time of prayer for peace and justice. All are welcome. . free. Room: MIT Chapel. Sponsor: Protestant Student Community, Tech Catholic Community, Episcopal Ministry at LEM.
11:00 a.m. - 3:00 p.m. - **Japanese Tea Ceremony Lessons**. The Japanese Tea Ceremony Lessons take place on Tuesdays at McCormick Hall (320 Memorial Drive). Come anytime between 11 A.M. - 3 P.M. The fee is \$3 for students, \$5 for others. New students are welcome at any time during the semester. Each student will receive individual instruction based on his or her level of experience. The best way to learn the ceremony is to attend lessons on a regular basis. If you are interested, you are welcome to observe a class and to speak with Mrs. Wada about the lessons.. \$3 for students, \$5 for others. Room: McCormick Hall. Sponsor: spouses&partners@mit, MIT Women's League.
12:00 p.m. - 1:00 p.m. - **Windows 2000 Quick Start**. This session demonstrates the new features and functionalities of Windows 2000 for the desktop user. . free. Room: N42 Demo Center. Sponsor: Information Systems.
12:00 p.m. - 1:00 p.m. - **Telephone and Voice Mail Quick Start**. If you are new to MIT or want to learn more about the features on your telephone and voice mail, this class is just what you need. Instructors will explain features which will help you get the most out of these useful tools and talk about the most common problems and where to go for help. Attendees will learn what features are available on different phones and classes of service. You will also be able to try features on telephones in the classroom. . free. Room: E19-732. Sponsor: Information Systems.
12:00 p.m. - 2:00 p.m. - **Beyond Inertia: A Fresh Look at Motion and Mechanics in the 17th Century**. Dibner Institute Luncheon Colloquium. free. Room: E56-100. Sponsor: Dibner Institute.
12:30 p.m. - 2:00 p.m. - **Sept 11 and Aftermath: The Dilemma of Reconstruction: Lessons from Berlin's inner city and its 1999 master plan**. Part of an ongoing series of seminars on "September 11 and Aftermath" sponsored by the Department of Architecture. free. Room: 7-431 (AVT). Sponsor: Department of Architecture.
4:00 p.m. - 5:00 p.m. - **Optimal Local Function Estimation with Finite Sample Accuracy Bounds and Applications to Neural Networks and Machine Learning**. Refreshments will be served at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Statistics Seminar. Department of Mathematics.
4:00 p.m. - 5:00 p.m. - **LIDS Colloquium Series**. Back From Infinity - Finite Length Analysis and Optimization of LDPC Codes: It is by now well understood how to design LDPC codes which approach the capacity of various channels. In many cases though one is interested in fairly short block lengths and stringent bit/block error requirements. In this regime the standard approach of density evolution has little to contribute to the design problem. In this talk I will introduce a new approach to the FINITE length analysis of LDPC codes. Although this new analysis is motivated by the BEC, it is becoming more and more apparent that it can also be a valuable tool in the more general setting. I will also discuss the many open problems in this area. 4-15 p.m. - **GTL Seminar**. "Recent Developments in Computational Fluid Dynamics at General Electric Company". free. Room: 31-161. Sponsor: Gas Turbine Laboratory.
4:30 p.m. - 5:30 p.m. - **"TBA"**. Organizers: M. Hopkins, R. Melrose, H. Miller and I.M. Singer. free. Room: 2-131. Sponsor: Topology and Analysis of Manifolds with Corners. Department of Mathematics.
5:00 p.m. - 7:00 p.m. - **Quarter Century Club Holiday Gathering**. Annual Holiday Gathering for members of the MIT Quarter Century Club.. free. Room: La Sala de Puerto Rico, Stratton Student Center. Sponsor: Community Services Office.
7:00 p.m. - **MIT Chamber Music Society Concerts**. free. Room: Killian Hall. Sponsor: Music and Theater Arts Section.
7:00 p.m. - **Ladies Night at the Ear**. Every Tuesday is Ladies Night at The Thirsty Ear Pub, with special Tuesday-only beverage offerings. The Thirsty Ear Pub is located in the Ashdown House basement. Enter through the courtyard. Hours: Monday: 8 p.m. - 12 am, Tuesday - Thursday: 7 p.m. - 1 am, Friday: 4 p.m. - 1 am, Must be over 21. Proper ID required.. No cover for the ladies (or the guys). Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.

Wednesday, December 12

8:30 a.m. - 8:45 a.m. - **Morning Prayer**. Brief time of prayer for peace and justice. All are welcome. . free. Room: MIT Chapel. Sponsor: Protestant Student Community, Tech Catholic Community, Episcopal Ministry at LEM.
9:00 a.m. - 6:00 p.m. - **Copyright Request Deadline for course material for Spring 2002**. The MIT Copy Technology Centers deadline for submitting copyright request forms for course material is Dec. 10, 2001 for material that will be used in course readers for the Spring 2002 semester. If you need additional time to submit copyright requests please contact the copyright administrator at 258-5275. . free. Room: MIT Copy Technology Centers . Sponsor: Copy Technology Centers .
12:00 p.m. - 1:00 p.m. - **Making Web Sites and Software Accessible to Persons with Disabilities**. (Formerly Web and Software Accessibility Quick Start) This Quick Start should be of special interest to all members of the MIT community who develop, purchase, or maintain software, web sites, or web-based services. Learn about the new MIT policy and guidelines for insuring accessibility to online information and services for people with disabilities. This session will show examples of accessible and inaccessible design, and cover HTML coding techniques and tools that can help make your site or application ADA-compliant (i.e., in conformance with the Americans with Disabilities Act and similar regulations).. free. Room: N42 Demo Center. Sponsor: Information Systems.
12:00 p.m. - 3:00 p.m. - **Craft Fair**. free. Room: Bldg. 5, 4th floor, outside the Dome Café. Sponsor: Department of Architecture.
12:10 p.m. - 1:00 p.m. - **Physical Oceanography Sack Lunch Seminar**. free. Room: 54-915. Sponsor: Physical Oceanography.
3:00 p.m. - 4:00 p.m. - **"Feelings and Emotions"**. Evidence from affective judgments, spatial learning, somatosensorial response, and brain imaging (event-related brain potentials, fMRI) are reviewed to address the question of how feelings and emotions are constructed.. free. Room: E15-070, Bartos Theatre, MIT Media Laboratory, refreshments at 2:45. Sponsor: Affective Computing. MIT Media Laboratory.
4:00 p.m. - 6:00 p.m. - **spouses&partners@mit Holiday Party**. Celebrate the end of another great semester together. Spouses and children are welcome. Please bring a sweet or savory snack to share. . free. Room: West Dining Room, Ashdown House. Sponsor: spouses&partners@mit.
5:00 p.m. - **MIT Chamber Music Society Concerts**. free. Room: Killian Hall. Sponsor: Music and Theater Arts Section.
7:00 p.m. - **Min Tanaka: Solo Dance**. In conjunction with the List Visual Arts Center's "YES YOKO ONO" exhibition, Butoh dancer Min Tanaka creates unique movements to Yoko Ono's music, followed by Q and A session. Originating in Japan, Butoh is a contemporary avant-garde dance form which combines dance, theater, improvisation and influences of Japanese traditional performing arts with German Expressionist dance and performance art to create a unique performing art form that is both controversial and universal in its expression. Special gallery hours: open until 8:30pm.. free. Room: Lobby outside List Visual Arts Ctr (E15). Sponsor: List Visual Arts Center.
7:00 p.m. - **MIT Chamber Music Society Concerts**. free. Room: Killian Hall. Sponsor: Music and Theater Arts Section.
7:00 p.m. - 9:00 p.m. - **MIT Objectivist Club general meeting**. The MIT Objectivist Club's general meetings. We discuss topics in philosophy and how they relate to different aspects of our world today. This term, we will also be having weekly study sessions, probably in epistemology, the philosophy of knowledge.. free. Room: 10-280 (Oct. 3), 4-144 (Oct. 10-Dec. 12). Sponsor: MIT Objectivist Club.
7:30 p.m. - **Men's Ice Hockey vs. Franklin Pierce**. free. Room: Johnson Ice Rink. Sponsor: Department of Athletics.
7:30 p.m. - 9:30 p.m. - **Renaissance Dancing**. There are many forms of Renaissance Dancing that we practice. From Italian balli to courtly pavans to English country. We dance them all with flair and fun. Dress is common street clothing. No experience necessary; instruction is provided. free. Room: W20 (Sala or 407 or 491). Sponsor: Society for Creative Anachronism.
8:00 p.m. - 10:30 p.m. - **iFilm Movie Seminar**. Each iFilm Movie Seminar examines one international movie: a foreign movie or a movie made by an American independent producer. Each educational screening is preceded by an introduction and followed by a small discussion. ALL MOVIES HAVE ENGLISH SUBTITLES. Details are announced on the iFilm web page at <http://www.mit.edu/~ifilm> . free. Room: 4-231. Sponsor: Graduate Student Council, International Film Club.
8:00 p.m. - **Roadkill Buffet: "20,000 Leagues Into The Bucket Show."**. Last day of classes improv show. Ellie Boyle will lead Roadkill Buffet on a dangerous mission to the depths of human consciousness, which will be represented by two buckets of water on stage.. free. Room: Rm 35-225. Sponsor: Roadkill Buffet.

Thursday, December 13

PE Lottery - IAP. The Physical Education lottery for IAP closes on Dec. 13th at 1pm! Also the MIT Athletics card is required for all non-students.. varies. Room: Students: goto WebSIS. Non-students:goto W32-125. Sponsor: Physical Education, IAP.
8:30 a.m. - 8:45 a.m. - **Morning Prayer**. Brief time of prayer for peace and justice. All are welcome. . free. Room: MIT Chapel. Sponsor: Protestant Student Community, Tech Catholic Community, Episcopal Ministry at LEM.
9:00 a.m. - 6:00 p.m. - **Copyright Request Deadline for course material for Spring 2002**. The MIT Copy Technology Centers deadline for submitting copyright request forms for course material is Dec. 10, 2001 for material that will be used in course readers for the Spring 2002 semester. If you need additional time to submit copyright requests please contact the copyright administrator at 258-5275. . free. Room: MIT Copy Technology Centers . Sponsor: Copy Technology Centers .
12:00 p.m. - 1:00 p.m. - **Java User Group**. A meeting of MIT staff members who develop Java software. free. Room: N42 Demo Center. Sponsor: Information Systems.
12:00 p.m. - 1:30 p.m. - **OECD International Futures Program Presentation: "Shaping Transformation—Change and the Role of Public Policy in the 21st Century"**. The aims of this presentation are twofold: 1) to assess the prospect that over the next few decades, in many parts of the world, there could be changes on a scale similar to those that characterized the transition from agricultural to industrial society; and 2) to consider what might be done to ensure that such significant societal changes coincide with people's hopes for the future. The "Expo 2000/OECD Forum for the Future" series provided evidence that such breaks in socio-economic structure and functioning are plausible and might, under certain conditions, be considered desirable by some. The conferences established that there are trends that could, possibly, turn into a wave of powerful, mutually contingent and supportive changes capable of significantly transforming almost every aspect of daily life within two generations. Along this path there are likely to be many opportunities to realize some of humanity's long-standing goals, from extending the practical application of basic human rights to improving sustainability in its broadest social and ecological terms. Such a path will also provoke changes in the nature, degree, and perceptions of many different risks, from new tools that might escape control to social conflicts that could burst into violence. Policy is what will make the difference, both for creating the conditions conducive to such a transition and to ensuring that opportunities are grasped and risks minimized.. free. Room: E51-145. Sponsor: Laboratory for Energy and the Environment.
12:00 p.m. - 1:00 p.m. - **Element K Hands-On Workshop**. Is web-based training for me? Spend an hour in an Instructor-led workshop. Learn how to get started using web-based training, explore what is offered and ask questions. For more information about web-based training at MIT, see <http://web.mit.edu/is/training/wbt/> . free. Room: W89-125. Sponsor: Information Systems.
4:00 p.m. - 5:00 p.m. - **T.B.A.**. free. Room: 54-915. Sponsor: MIT Atmospheric Science Seminars.
4:15 p.m. - **M.I.T. Physics Colloquium** . Big world of small neutrinos. free. Room: 10-250. Sponsor: Physics Department.

Events Calendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance at an event. Contact information for all events is available from the Events Calendar web page.

Friday, December 14

7:00 p.m. - **Ghost World**. LSC Presents Ghost World. \$3. Room: 26-100. Sponsor: LSC.
8:00 p.m.- 11:00 p.m. - **The Crucible**. Arthur Miller's famous retelling of the Salem Witch Trials. \$6 MIT and Wellesley students; \$8 Faculty/Staff, Senior Citizens, and other Students; \$10 General admission. Room: Kresge Little Theater. Sponsor: MIT Community Players.
8:00 p.m. - 10:30 p.m. - **iFilm Movie Seminar**. Each iFilm Movie Seminar examines one international movie: a foreign movie or a movie made by an American independent producer. Each educational screening is preceded by an introduction and followed by a small discussion. ALL MOVIES HAVE ENGLISH SUBTITLES. Details are announced on the iFilm web page at <http://www.mit.edu/~ifilm> . free. Room: 4-231. Sponsor: Graduate Student Council, International Film Club.
10:00 p.m. - **Ghost World**. LSC Presents Ghost World. \$3. Room: 26-100. Sponsor: LSC.
12:00 p.m. - 1:00 p.m. - **BrioQuery Quick Start**. Learn how to download, install, and set up BrioQuery on your desktop. Learn how to download and process a standard report. An overview of the features and capabilities of BrioQuery will be given. . free. Room: N42 Demo Center. Sponsor: Information Systems.
5:00 p.m. - **List Foundation Fellowship Program Application Deadline**. (rescheduled date)
The List Foundation Fellowship Program annually awards up to \$5,000 to two undergraduate students to support a year's work on a project in the performing, visual, or literary arts. The fellowships are available to students of color who are citizens or permanent residents of the US. . free. Sponsor: Office of the Arts.
7:00 p.m. - 9:00 p.m. - **Falun Gong Exercise workshop**. The Falun Gong exercise is an easy and effective way to relieve stress and improve physical and mental health. Millions of people in over 40 countries practice these 5 sets of gentle movements.. free. Room: 1-242. Sponsor: Falun Dafa Club.
7:00 p.m. - **Rat Race**. LSC Presents Rat Race. \$3. Room: 26-100. Sponsor: LSC.
8:00 p.m. - 11:00 p.m. - **The Crucible**. Arthur Miller's famous retelling of the Salem Witch Trials. \$6 MIT and Wellesley students; \$8 Faculty/Staff, Senior Citizens, and other Students; \$10 General admission. Room: Kresge Little Theater. Sponsor: MIT Community Players.
8:00 p.m. - **MIT Festival Jazz Ensemble: "A tribute to Thelonious Sphere Monk"**. Frederick Hama, music director, Magali Souriau, guest composer and pianist. Premieres by Souriau, Alon Nechushan, and Rakowski. Other works by Hal Crook and Charles Mingus. . \$3 at the door. Room: Kresge Auditorium. Sponsor: Music and Theater Arts Section.
9:00 p.m. - **Potluck Performance Art Party**, AKA show+tell. Bring video, poetry, slides, anything to read, show, perform and/or consume. If you bring something to perform or consume, you get in for free. \$4 donation requested for selected charity. Room: N52-115. Sponsor: MIT Electronic Research Society
10:00 p.m. - **Rat Race**. LSC Presents Rat Race. \$3. Room: 26-100. Sponsor: LSC.

Sunday, December 16

3:00 p.m. - **MIT Women's Chorus Annual Holiday Concert**. Music includes selections by Bach and Berlioz and from Handel's "Messiah," Berger's "A Child's Book of Beasts," and Randall Thompson's "Alleluia." Children accompanied by adults are welcome. Reception follows.. free. Room: Killian Hall. Sponsor: MIT Women's Chorus.

Monday, December 17

8:30 a.m. - 8:45 a.m. - **Morning Prayer**. Brief time of prayer for peace and justice. All are welcome. . free. Room: MIT Chapel. Sponsor: Protestant Student Community, Tech Catholic Community, Episcopal Ministry at LEM.
12:00 p.m. - 1:30 p.m. - **Mac Tech Partners**. Join with Macintosh users who - officially or otherwise - help others within their departments make more productive use of computers. . free. Room: N42 Demo Center. Sponsor: Information Systems.
4:00 p.m. - 5:00 p.m. - **Differential Geometry Seminar - TBA**. free. Room: MIT Room 2-143. Sponsor: Differential Geometry Seminar. Department of Mathematics.
8:00 p.m. - 12:00 a.m. - **Monday Night Football at the Ear**. Watching football at the Ear makes Dennis Miller a little more tolerable. Tonight: St. Louis vs. New Orleans. The Thirsty Ear Pub is located in the Ashdown House basement. Enter through the courtyard. Hours: Monday: 8 p.m. - 12 am, Tuesday - Thursday: 7 p.m. - 1 am, Friday: 4 p.m. - 1 am. Must be over 21. Proper ID required.. Free. Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.

Tuesday, December 18

8:30 a.m. - 8:45 a.m. - **Morning Prayer**. Brief time of prayer for peace and justice. All are welcome. . free. Room: MIT Chapel. Sponsor: Protestant Student Community, Tech Catholic Community, Episcopal Ministry at LEM.
11:00 a.m. - 3:00 p.m. - **Japanese Tea Ceremony Lessons**. The Japanese Tea Ceremony Lessons take place on Tuesdays at McCormick Hall (320 Memorial Drive). Come anytime between 11 A.M. - 3 P.M. The fee is \$3 for students, \$5 for others. New students are welcome at any time during the semester. Each student will receive individual instruction based on his or her level of experience. The best way to learn the ceremony is to attend lessons on a regular basis. If you are interested, you are welcome to observe a class and to speak with Mrs. Wada about the lessons.. \$3 for students, \$5 for others. Room: McCormick Hall. Sponsor: spouses&partners@mit, MIT Women's League.
12:00 p.m. - 2:00 p.m. - **Winding the Coil: An Interpretative and Exploratory Study of 19th Century Electrical Experimenting**. Dibner Institute Luncheon Colloquium. free. Room: E58-100. Sponsor: Dibner Institute.
12:00 p.m. - 1:00 p.m. - **Microsoft Word User Group**. The MIT Microsoft User Group (WUG) is for people at MIT, from beginners to experts, who are using or interested in learning to use Microsoft Word word processing software. . free. Room: N42 Demo Center. Sponsor: Information Systems.
7:00 p.m. - 1:00 a.m. - **Ladies Night at the Ear**. Every Tuesday is Ladies Night at The Thirsty Ear Pub, with special Tuesday-only beverage offerings. The Thirsty Ear Pub is located in the Ashdown House basement. Enter through the courtyard. Hours: Monday: 8 p.m. - 12 am, Tuesday - Thursday: 7 p.m. - 1 am, Friday: 4 p.m. - 1 am. Must be over 21. Proper ID required.. No cover for the ladies (or the guys). Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.

Wednesday, December 19

8:30 a.m. - 8:45 a.m. - **Morning Prayer**. Brief time of prayer for peace and justice. All are welcome. . free. Room: MIT Chapel. Sponsor: Protestant Student Community, Tech Catholic Community, Episcopal Ministry at LEM.
12:00 p.m. - 1:30 p.m. - **Overview Of Purchasing On The Web Quick Start**. This demo integrates all aspects of using SAPweb for purchasing including requisitioning, external vendors, internal providers and preferred partners. In this session we will introduce the SAPweb requisitioning form, the new online catalogs and purchasing procedures for buying from preferred partner vendors, including Office Depot, VWR,BOC Gases and NECC. We will demonstrate how the new online ordering system interfaces with SAPweb and we will talk about how this new process differs from the ECAT purchasing process. . free. Room: N42 Demo Center. Sponsor: Information Systems.
12:10 p.m. - 1:00 p.m. - **"Physical Oceanography Sack Lunch Seminar**. free. Room: 54-915. Sponsor: Physical Oceanography.
3:30 p.m. - **MIT Faculty Meeting**. free. Room: 10-250. Sponsor: Faculty Chair.
7:30 p.m. - 9:30 p.m. - **Renaissance Dancing**. There are many forms of Renaissance Dancing that we practice. From Italian balli to courtly pavans to English country. We dance them all with flair and fun. Dress is common street clothing. No experience necessary; instruction is provided. free. Room: W20 (Sala or 407 or 491). Sponsor: Society for Creative Anachronism.
8:00 p.m. - 10:30 p.m. - **iFilm Movie Seminar**. Each iFilm Movie Seminar examines one international movie: a foreign movie or a movie made by an American independent producer. Each educational screening is preceded by an introduction and followed by a small discussion. ALL MOVIES HAVE ENGLISH SUBTITLES. Details are announced on the iFilm web page at <http://www.mit.edu/~ifilm> . free. Room: 4-231. Sponsor: Graduate Student Council, International Film Club.

Thursday, December 20

8:30 a.m. - 8:45 a.m. - **Morning Prayer**. Brief time of prayer for peace and justice. All are welcome. . free. Room: MIT Chapel. Sponsor: Protestant Student Community, Tech Catholic Community, Episcopal Ministry at LEM.
12:00 p.m. - 1:00 p.m. - **Filemaker Pro Quick Start**. This class introduces users to the FileMaker environment and its functions using an existing database as a model. . free. Room: N42 Demo Center. Sponsor: Information Systems.
8:00 p.m. - 10:30 p.m. - **iFilm Movie Seminar**. Each iFilm Movie Seminar examines one international movie: a foreign movie or a movie made by an American independent producer. Each educational screening is preceded by an introduction and followed by a small discussion. ALL MOVIES HAVE ENGLISH SUBTITLES. Details are announced on the iFilm web page at <http://www.mit.edu/~ifilm> . free. Room: 4-231. Sponsor: Graduate Student Council, International Film Club.

Friday, December 21

8:30 a.m. - 8:45 a.m. - **Morning Prayer**. Brief time of prayer for peace and justice. All are welcome. . free. Room: MIT Chapel. Sponsor: Protestant Student Community, Tech Catholic Community, Episcopal Ministry at LEM.
12:00 p.m. - 1:00 p.m. - **Orientation to Computing at MIT**. This seminar provides basic, non-technical information about the MIT computing environment. . free. Room: N42 Demo Center. Sponsor: Information Systems.
7:00 p.m. - 9:00 p.m. - **Falun Gong Exercise workshop**. The Falun Gong exercise is an easy and effective way to relieve stress and improve physical and mental health. Millions of people in over 40 countries practice these 5 sets of gentle movements.. free. Room: 1-242. Sponsor: Falun Dafa Club.

Saturday, December 22

8:00 p.m. - 11:00 p.m. - **Patrol**. Shoot your friends! Travel to strange, new classrooms; meet interesting, unusual people; and kill them. A team game of shoot-em-up: guns provided.. free. Room: Building 36, First Floor. Sponsor: Assassins' Guild, MIT.

Monday, December 24

12:00 p.m. - 1:00 p.m. - **WinPartners**. he WinPartners is a group of Windows workstation users and administrators who have banded together to support each other in the use of Windows. WinPartners share their experiences, ask and answer questions, solve problems, discuss hot topics, and warn each other of pitfalls. Any Windows user at any level of expertise and experience is welcome to join the group and attend meetings. . free. Room: N42 Demo Center. Sponsor: Information Systems.
4:00 p.m. - 5:00 p.m. - **Differential Geometry Seminar - TBA**. free. Room: MIT Room 2-143. Sponsor: Differential Geometry Seminar. Department of Mathematics.
6:00 p.m. - 11:59 p.m. **Christmas Eve**
The evening before your favorite day of the year. Unless you're Jewish or Muslim, in which case it's the evening before Tuesday, December 25. At least you get to go see a movie tomorrow.

Tuesday, December 25

12:00 a.m. **It's Christmas Day!!**
Santa should be dropping your Christmas presents down the chimney right about now. What? You don't have a chimney? Well, no presents for you I guess. Or maybe there is no Santa. Wouldn't that just be too bad? No Santa, and no Rudolph the Reindeer.

Wednesday, December 26

8:00 a.m. **WAKE UP!!**
Time to take advantage of the afterchristmas sales and trade in all of those lousy presents for that item you always really wanted. Get moving.
12:10 p.m. - 1:00 p.m. - **"Physical Oceanography Sack Lunch Seminar**. free. Room: 54-915. Sponsor: Physical Oceanography.
7:30 p.m. - 9:30 p.m. - **Renaissance Dancing**. There are many forms of Renaissance Dancing that we practice. From Italian balli to courtly pavans to English country. We dance them all with flair and fun. Dress is common street clothing. No experience necessary; instruction is provided. free. Room: W20 (Sala or 407 or 491). Sponsor: Society for Creative Anachronism.

Friday, December 28

7:00 p.m. - 9:00 p.m. - **Falun Gong Exercise workshop**. The Falun Gong exercise is an easy and effective way to relieve stress and improve physical and mental health. Millions of people in over 40 countries practice these 5 sets of gentle movements.. free. Room: 1-242. Sponsor: Falun Dafa Club.

Saturday, December 29

8:00 p.m. - 11:00 p.m. - **Patrol**. Shoot your friends! Travel to strange, new classrooms; meet interesting, unusual people; and kill them. A team game of shoot-em-up; guns provided.. free. Room: Building 36, First Floor. Sponsor: Assassins' Guild, MIT.

Monday, December 31

12:10 p.m. - 1:15 p.m. - **GABLES Monthly Lunch**. GABLES is the Gay, Bisexual, and Lesbian Employees and Supporters group. Each month, on the last working day, we gather to enjoy lunch and the company of our colleagues and friends. Occasionally there are discussions of topical interest, however the focus of this event is social. The organization also works to advance the interests of GBLT employees at MIT. The lunches are open to anyone in the wider MIT community interested in our work. We have often welcomed guests from other universities and their friends. The cost of your lunch. Room: A variety of local eateries. Sponsor: GABLES.
4:00 p.m. - 5:00 p.m. - **Differential Geometry Seminar - TBA**. free. Room: MIT Room 2-143. Sponsor: Differential Geometry Seminar. Department of Mathematics.

Wednesday, January 2

12:10 p.m. - 1:00 p.m. - **"Physical Oceanography Sack Lunch Seminar**. free. Room: 54-915. Sponsor: Physical Oceanography.
7:30 p.m. - 9:30 p.m. - **Renaissance Dancing**. There are many forms of Renaissance Dancing that we practice. From Italian balli to courtly pavans to English country. We dance them all with flair and fun. Dress is common street clothing. No experience necessary; instruction is provided. free. Room: W20 (Sala or 407 or 491). Sponsor: Society for Creative Anachronism.

Friday, January 4

12:00 p.m. - 1:00 p.m. - **FileMaker User Group**. The MIT FileMaker User Group (fnug) was formed for people at MIT, from beginners to experts, who are using or interested in learning to use FileMaker(r) Pro database software and related products. After several years of dormancy, the group has been revived to acknowledge increasing use of FileMaker products on campus and to help the user community transition to FileMaker 5.. free. Room: N42 Demo Center. Sponsor: Information Systems.

Saturday, January 5

8:00 p.m. - 11:00 p.m. - **Patrol**. Shoot your friends! Travel to strange, new classrooms; meet interesting, unusual people; and kill them. A team game of shoot-em-up; guns provided.. free. Room: Building 36, First Floor. Sponsor: Assassins' Guild, MIT.

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United Trauma Relief, MURJ Among Basu's Many Projects

Rhodes, from Page 1

Rhodes scholar Pardi Sabeti conducted mock interviews for MIT's candidates. Basu, however, found the actual interviews to be more intimidating.

"I was surprised when I found out. I wasn't expecting it given the quality of the candidates competing for the award," Basu said.

Basu's accomplishments praised

It isn't like Basu to brag about himself. Lucky for him, others will do it for him.

"He is an institution builder while he remains modest and unassuming," said Lawrence Vale, Associate Professor and Associate Head of the Department of Urban Studies and Planning and advisor to Rhode Scholar candidates.

As a second term freshman, he founded and edited the MIT Undergraduate Research Journal (MURJ), a publication that allows students to write about science and ethics. The University of California,

Berkeley, and the California Institute of Technology (CalTech) have subsequently adapted this format for science writing. Basu has written and published research on the relationship between epidemiology and poverty, and on Alzheimer's disease.

Basu's interest in development was influenced by Institute Professor Noam A. Chomsky's speech on Kosovo during his freshman year.

"That speech angered me on the state of world affairs," Basu said. Thus, his self-entitled career in "saving the world" began.

UTR one of Basu's projects

Last year, Basu started an entirely student-based organization devoted to humanitarian aid for global problems, called United Trauma Relief (UTR). Every month, operating from his dorm room, Sanjay mails out approximately 16,000 doses of AIDS drugs to serve desperate patients in Haiti and Tanzania.

"The unused cocktail regimens in the United States end up in the landfills, and I just wanted to put them to good use," Basu said.

In the last year, UTR also assisted in relief for Afghan refugees, earthquake victims, Sudanese famine victims and sweatshop workers to disaster relief for Afghan refugees.

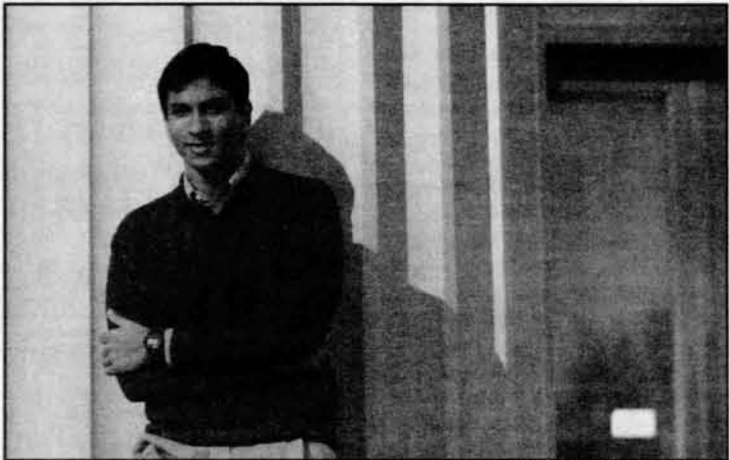
"Sanjay's best quality is his humility in all he is doing," said Vinod Rao '02, a member of UTR. "The very nature of the group, United Trauma Relief, indicates that he is working hard for the service of others. I am amazed by how much we have been able to accomplish under his guidance."

"I'm really glad that someone whose achievements have so much to do with helping others was chosen for this honor, and I think he really deserves it," Julia R. de Kadt, '02 said.

Basu's commitment to the community is evident in more ways than one. He worked with rural AIDS patients on the Burmese border, volunteers at a soup kitchen every month, and will teach a class on AIDS during this year's Independent Activities Period (IAP).

"In a decade of assisting Rhodes and Marshall candidates from MIT, I have never met anyone more likely to make a palpable difference in the world than Sanjay Basu," Vale said.

Emma Brunskill, an MIT graduate student, won a Rhodes Scholarship in 2000. Susanna B. Mireau '00, who, like Basu, majored in Brain and Cognitive Sciences, won a Rhodes Scholarship, in 1999. Both are currently at Oxford University.



2002 Rhodes Scholar Sanjay Basu '02

NATHAN COLLINS—THE TECH

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Many Criticize Glavin's 'Boot Camp' Style

Difava, from Page 1

of Enterprise Services, agreed with Colbert. He said that there are many issues that the new chief, Difava, will need to deal with when he comes into position. "The campus is growing and changing, so the new administration will have to address a number of issues. I hope there will be no part of the campus police that Difava will not look at and review," Immerman said.

Difava said he wants to concentrate on "customer service" and to make the police force more accessible to everyone. "I want the police to focus on serving the students and faculty, [becoming] more user-friendly," he said.

Glavin criticized by officers

There have been complaints by students against the police force under Glavin. Ebraheem I. Fontaine '02, who was on the committee that selected the top four candidates for the new chief of police, said that he

has heard criticism from some police officers about Glavin's administrative style.

"She didn't lead by example, he said. "She kind of led the police force like a boot camp drill sergeant."

Fontaine said he has also heard the police complain that they were not feeling encouragement from the administration. "A lot of patrol officers don't feel support from her. She wasn't creating a friendly environment," he explained.

Many officers have been overworked, according to Fontaine. "[Glavin] goes overboard with detailing cops to student events. Sometimes there'll be three people to every cop," Fontaine said. Immerman also said that some officers have been overworked, especially with the current construction going on. "Officers are working overtime and the strain is showing," he said.

Chief wants to know every officer

Although Difava was once in charge of a large force as the Colonel of the Massachusetts State Police, he said that he is very good at working with smaller groups and will be effective on the MIT campus. "I have been in charge of smaller divisions before and I think I am better with the small groups because I like one-on-one contact with people," Difava explained.

Difava wants to get to know every member of the Campus Police force on a personal level. He has arranged a series of meetings so he can become more familiar with everyone.

Immerman believes that Difava will be able to address these issues and to detail police in the most effective way possible. "He will need to look at how police are deployed and rethink how we detail police to events," Immerman said.

Some officers also feel that they do not get enough say in how to handle certain situations, Colbert said. "Some police want to be able to use

their own judgment versus following a prescription," he said. Colbert believes that Difava will set specific guidelines for officers so they know what to do in various situations. "Difava will be more clear with what his expectations for [the police officer's] behavior are and what limits to their judgments he thinks exist," Colbert said.

Difava agrees that a police chief can make the mistake of being too authoritative and not listen to his force. "Police chiefs often make the mistake of completely setting the tone and saying, 'This is the way things have to be.' However, the top down approach might not always be the best way to deal with things," he said. He plans to listen to the suggestions of his force so he can better deal with the problems.

Students dissatisfied with Glavin

Colbert also said that some students had issues with the police force under Glavin. "Students weren't too happy about some police interaction they had," he said. However, he said that such problems existed because the police force under Glavin was trained to concentrate on enforcement rather than service.

It is difficult to make a police officer who is orientated towards crime focus on service, Colbert said. "If you have cops who are concentrated on getting the bad guys, you have to assume that in some of them do not have the broad range of abilities to deal appropriately with others in every situation," he said.

Difava wants to also be available to the students. "I want to be the most visible guy on campus. I'll go wherever I'm asked to go and I'll even try to go to places where I'm not invited," he joked.

Glavin's professionalism praised

Both Colbert and Immerman said that Glavin has done an incredible job

with the police force, but that there are areas in which the new administration can improve upon. "Glavin added enormous professionalism to the staff. Anyone in her kind of position for 13 years will have challenges. Not everyone is going to agree all the time and that can cause some problems. It is always good to think about new leaders so they can bring in new perspectives," Immerman said.

According to Colbert, Glavin has made numerous contributions to the police force. "She brought greater awareness to the police force that we needed to be more systematic with our security needs. She also enhanced our relationship with outside security agencies such as the FBI," he explained.

Colbert, Immerman and Fontaine all said Difava will be able to lead the police force in a direction that will be able to service the new MIT campus better. "The police took on a more authoritative enforcement attitude when Glavin came in. Now Difava will take the force in a different direction," Colbert said.

Those who have met Difava have complete confidence in his abilities. "He brought remarkable changes to the state police. Everyone admires and respects him," Immerman said.

Difava to review MIT security

Difava said he thinks that acting chief John E. Driscoll, who has been leading the campus police force and the MIT police officers, has done a great job at dealing with security issues.

A special task force was set up to deal with MIT security after September 11. A 17-page report on initial recommendations for campus security such as regulating traffic patterns and the lockdowns of certain buildings was released this yesterday. Difava attended a security meeting to review and discuss the proposals in the report.

Solution to Crossword

from page 13

A	L	I	S	C	A	M	P	S	C	A	L	A
R	I	M	P	O	L	A	R	H	O	M	E	S
A	L	P	A	L	I	K	E	A	L	I	V	E
B	A	R	D	A	N	E	S	T	H	E	S	I
S	C	O	U	T	E	W	E	R	S			
	B	E	A	D	A	L	A		P	A	R	T
E	R	A	X	R	A	Y	E	D	O	L	E	O
D	E	B	R	I	E	F	C	E	I	L	I	N
I	D	L	E	S	T	A	T	I	C	M	O	O
T	O	E	D	S	E	T	N	O	S	E		
	B	E	R	T	H		N	I	N	E	S	
B	R	I	D	E	S	M	A	I	D	S	T	E
R	U	R	A	L	A	C	R	I	D	A	R	E
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The Tech

During IAP

Sunday, January 6

News Meeting 5:00 pm

Photo Meeting 6:00 pm

Sunday, January 13

News Meeting 5:00 pm

Photo Meeting 6:00 pm

Thursday, January 17

Grammar Boot Camp

5:30-7:00 pm

Sunday, January 20

News Meeting 5:00 pm

Photo Meeting 6:00 pm

Sunday, January 27

News Meeting 5:00 pm

Photo Meeting 6:00 pm

Thursday, January 31

Ad Design Workshop

5:30-7:00 pm

Sunday, February 3

Open House

2:00-5:00 pm

News Meeting 5:00 pm

Photo Meeting 6:00 pm



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Student Arrested After Chase

By Brian Loux

ASSOCIATE NEWS EDITOR

New York State Police arrested MIT student Tiffany L. Bostick '02 after a 30 minute car chase early Saturday morning. The chase began after she allegedly skipped a toll booth, reported *The Record* of Bergen County, New Jersey, and continued into Rutherford, New Jersey at a dead end on Rutherford Avenue.

The Record also reported that the officers said Bostick was driving erratically and once during the chase tried to swerve into one of the police cars. According to *The Record*, after the arrest Bostick told the police that she didn't stop her car because she had been concerned about being alone late at night in a secluded area surrounded by officers.

As of 11 p.m. yesterday, Bostick was being held in Bergen County Jail, where she has been charged with reckless endangerment. She is described as "a fugitive from the justice from the State of New York" by a Bergen County Police Officer who declined to give his name. She is awaiting a court hearing for extradition from the New Jersey jail to New York, and will probably be in jail "for a couple of days," he said.

Bostick is not currently allowed to receive incoming phone calls.

Other students afraid of police

MIT students familiar with New

York and New Jersey police officers can relate to the reason that Bostick stated for not stopping. "Mostly New York/ New Jersey Cops are just annoying, but some fear them," said Andrea L. Fanucci '04, a native to the area. "My mom felt the same way as [Bostick] did when she once was pulled over in my town around 1 a.m. It actually turned out that cop was later convicted for sexually abusing minors, and landed 30 years in prison."

Those who know Bostick were surprised to hear the news. Sarah A. Farrar '02, a member of the Undergraduate Association Finance Board, on which Bostick serves, said that she was heavily involved in several student groups. "When we go through allocations and appeals at Finboard, she is aware about what is going on with almost all of the groups," Farrar said. "She is a very active person. At Finboard she [is] very nice and responsible." Fellow Finboard member Amy Shi '04 agreed with Farrar.

Police give safety tips

While personal safety is important on the road, Police Officer Clifford Connolly of the Boston Police said, there should be no need to drive away. If approached by an unmarked car with a blue light and you are suspicious, stop and open the window just enough so that the offi-

cer can talk to you, he said. You can ask to see his badge if he has not shown it to you and his picture ID if you are still not sure that he is an officer.

Still, the situation may be unnerving and intimidating depending on the time of day and area. If the situation is not comfortable, Connolly says that you can ask the officer to escort you to a local police station or to a marked car. If the officer refuses to do this, he added that you can drive yourself to the police station and explain the problem yourself.

"We are not advocating driving away," he said, "just making sure that the person is a true officer."

Indeed, there have been incidents in the past where criminals have impersonated police officers in unmarked cars on state highways.

Connolly advises one to call 911 if one feels that the person is not a real trooper. Police have the technology nowadays to immediately check where police units are, and they can verify the person who pulled you over as valid or not.

Connolly added that a marked car with a full uniform and badge should be enough of a clear statement that it is an officer of the law. "You can still ask to see the officer's ID when he or she approaches your car. If you decide to drive away," he said, "you better have a very good reason as to why."

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Skier Prepares For IAP

Holiday Plans, from Page 1

"I'm from Minnesota. It's probably going to be cold there," Jain said.

However, the holidays aren't all about relaxation. Rahul Agrawal '03 is turning 21 years old over the break.

"I'm going to Vegas. I'm turning 21 in about a week so my family wants to take me out there," he said.

Chang She '05 is eagerly awaiting his trip overseas.

"I'm going to Hong Kong. I'm going to visit my uncle," he said. This is She's first trip to Hong Kong so he's looking forward to "touring Hong Kong, [and] going to random places."

Visits with friends planned

Another favorite aspect of winter break is seeing out old friends. Camilo R. Guaqueta '03, from Colombia, and his friends from home are going to the tourist town, Cartagena, to see off another friend who is joining the Colombian Navy. Guaqueta and his friends decided not to let their friend leave alone.

"We're all going to see him off there," Guaqueta said.

Hooria Komal '04 is not going to her native Pakistan for the holidays. Instead, she is considering a trip to England.

"I might be going to the [United Kingdom]," Komal said. If she goes, she will visit friends in Manchester. Komal says that she's been to London before, but "I've never been to Manchester."

Students gear up for IAP

Although students are looking forward to a much needed break, some are also excited about Independent Activities Period. Marissa L. Yates '03 is excited about returning for Varsity Nordic ski team practice. The recent unseasonably warm weather has prevented the team from hitting the slopes.

"I'm coming back during IAP to ski. I skied competitively in high school. We race against Clarkson, Cornell, Army, and other small teams," Yates said.

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55	2 Adeline Kuo	7.93		Jen Gaugler	5:40.21	[PR]	WT	1 Princess Imoukhuede	49-9	****
	Shauntel Poulson	8.13	[PR]	Trish McAndrew	5:41.29	[PR]		2 Akua Asa-Awuku	44-0	[PR] **
	Melanie Cornejo	8.18	[PR]	Mealani Nakamura	5:42.08	[PR]		Bukola Aina	23-2	[PR]
	Chinwe Nyenke	8.26		Jelena Spasojevic	5:52.92	[PR]		Laura Nichols	22-11	[PR]
	Melanie Miller	8.37	[PR]	Raquel Escatel	6:14.00	[PR]		Kelly Johnson	22-3 1/2	[PR]
	Colleen Horin	8.84	[PR]					Jenny Lee	19-1 1/4	[PR]
	Aparna Jonnalagadda	9.52	[PR]	5k	1 Martha Buckley	18:47.21	[PR] **	4x200	DQ MIT (Adeline, Shauntel, Nalini, Didi)	
	Josie Sung	10.01	[PR]		Nancy Benedetti	20:55.21	[PR]	4x400	2 MIT (Vanessa, Shauntel, Nalini, Didi)	
	Lili Peng	10.50	[PR]		Kate Wasserman	22:33.58	[PR]		4:33.05 <TB>	
55H	3 Chinwe Nyenke	9.87		HJ	2 Emily Schwartz	5-0	[ties PR] *	4x800	3 MIT (Trish, Jen, Mealani, Shirleen)	
	Nalini Gupta	10.13	[PR]		4 Melanie Cornejo	4-6	[PR]		11:31.75 <TB>	
	Melanie Cornejo	10.17	[PR]		Frannie Weld	NH		STATS:		
	Colleen Horin	10.26	[PR]	PV	1 Vanessa Li	10-0	***	44 new PR's	+50	old = 94
	Melanie Miller	10.45			3 Catherine Tweedie	9-6	[ties PR] **	for the season		
200	1 Shauntel Poulson	28.58	[PR]		Emily Fox	8-0		1 new VR	+1	old = 2
	Adeline Kuo	28.83		LJ	Melanie Miller	15-1 1/2		1 new RR	+2	old = 3
	Melanie Miller	30.19			Nalini Gupta	14-11		2 new NE Div. III qualifiers	+9	old = 11
	Vanessa Li	30.48			Chinwe Nyenke	14-9		2 new ECAC qualifiers	+7	old = 9
	Melanie Cornejo	30.72	[PR]		Melanie Cornejo	14-0 1/2		1 new All NE qualifiers	+1	old = 2
	Chinwe Nyenke	30.79			Didi Eze	13-7 1/2		0 new NCAA provisional qualifiers	+1	old = 1
	Sandra Quinlan	30.87			Sandra Quinlan	13-3		2 new TB relays <2002>	+0	old = 2
	Colleen Horin	32.14			Frannie Weld	11-2	[PR]	CODE: PR = Personal record INDOORS for TechTrack		
	Meisha Bynoe	34.56	[PR]	TJ	2 Nalini Gupta	35-1 1/4	[PR,RR,VR] **	VR = Varsity record		
	Aparna Jonnalagadda	35.12	[PR]		3 Chinwe Nyenke	33-11 1/4	**	RR = Rookie record		
	Kelly Johnson	35.17			4 Didi Eze	32-1 1/2	[PR]	* = NE Div. III qualifier		
	Josie Sung	39.63	[PR]		Sandra Quinlan	32-0 1/2	[PR]	** = ECAC qualifier		
	Lili Peng	40.38	[PR]		Frannie Weld	26-3 1/4	[PR]	*** = All NE qualifier		
400	2 Didi Eze	66.04	[PR]		Mealani Nakamura	26-0 3/4		**** = NCAA qualifier (provisional)		
	Meisha Bynoe	DQ		SP	1 Princess Imoukhuede	37-4 1/4	**	***** = (automatic) National qualifier		
800	4 Julia Espel	2:35.66	[PR]		Akua Asa-Awuku	31-1		TB = Team best <relays 2002>		
	Veronica Andrews	2:39.18			Bukola Aina	22-9 1/4				
	Shirleen Poon	2:41.15	[PR]		Kelly Johnson	22-7 1/4	[PR]			
	Alisa Lehman	2:58.08	[PR]		Jenny Lee	20-10	[PR]			
1500	2 Julia Espel	5:04.52	[PR]*		Laura Nichols	19-4 1/2				
	Veronica Andrews	5:16.80	[PR]		Frannie Weld	15-4	[PR]			



Boris Paskalev '03 leaps to the basket in MIT's 103-46 win over New York Polytechnic Saturday.

JONATHAN WANG—THE TECH

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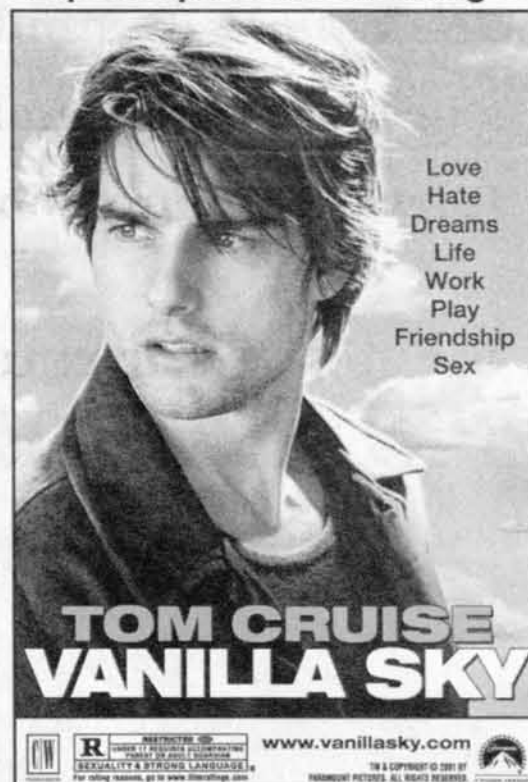
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cordially invites you and a guest to
a special preview screening of



Simply stop by W200 483 on Tuesday, December 11th to get your pass (admit two) to the screening being held on Tuesday, December 11th.

One pass per person. Supply limited. No purchase necessary. Rated 'R'. No one under the age of 17 admitted without parent or guardian. Participating sponsors and their agencies not eligible.

**OPENS IN BOSTON FRIDAY,
DECEMBER 14TH!**

SPORTS

Women's Track Finishes Meet
As Second Place Team of ThreeBy Adeline Kuo
TEAM CO-CAPTAIN

In a close meet against the University of Southern Maine and Springfield College, the MIT Women began their regular season with a win over Springfield and a loss to Southern Maine. MIT scored 55 points to put itself three points ahead of Springfield College, and came in seven points behind USM.

Despite the loss to USM, several team members had outstanding performances during the meet. The MIT track and field performer of the day was Ngozi A. Eze '05. Eze easily breezed past her opponents in the 400-meter dash and narrowly missed a first place finish. In the triple jump, Eze rounded out the MIT 2-3-4 finish with a personal record of 32' 1 1/2". Anchoring both the 4x200-meter and 4x400-meter relays, Eze took the baton and increased MIT's lead on the third place opponent to finish second in both relays.

The track performer of the day was Martha W. Buckley '04. Buckley ran her first ever 5000-meter run in Indoor Track. Having only those she lapped to run with, Buckley won the race in an outstanding ECAC-qualifying time of 18:47.21.

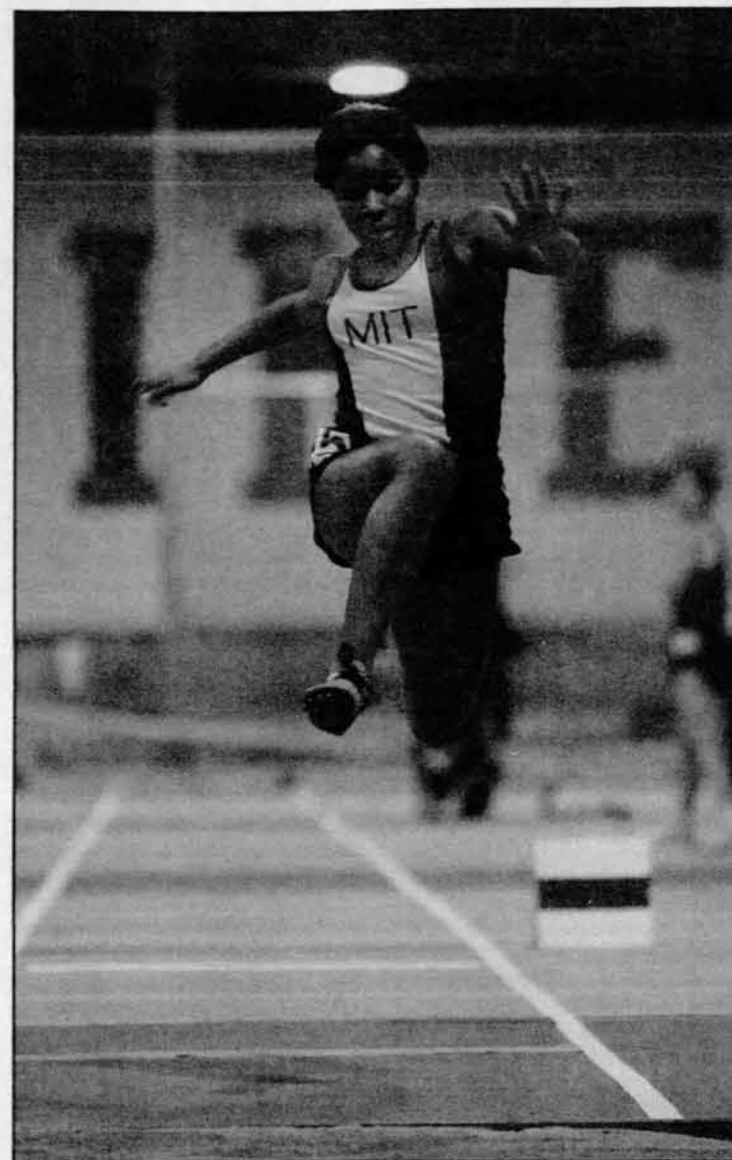
The field performer of the day was Nalini Gupta '05. In the triple jump, Gupta not only bettered her own Rookie Record, but also captured the Varsity Record with a 35' 1 1/4" hop, skip, and jump.

Sprinters Adeline L. Kuo '02 and Shauntel L. Poulson '05 scored points for MIT. Kuo finished third in the 55-meter dash with a dive to the finish, while Poulson captured an outstanding win in the 200-meter dash.

Chinwe Nyenke '04 scored for MIT in both the 55-meter hurdles and triple jump, taking third in both events.

Middle distance extraordinaire Julia C. Espel '05 finished fourth in the 800-meter run and second in the 1500-meter run. Espel posted a New England Division III qualifying time in the 1500-meter with a 5:04.52.

In the infield, the pole vaulters once again got MIT off to a good start. Vanessa Li '02 won the event with an All-New England qualifying vault of 10' 0". Catherine A. Tweedie '04 took third with a jump of 9' 6". High jumper Emily Schwartz '05 finished second with a New England



STANLEY HU—THE TECH

Didi Eze '05 springs into the air to place 4th overall with a 32'01.50" triple jump. In their first scoring meet of the season, the women's track and field team placed second among three teams, defeating Springfield College but losing to the University of Southern Maine.

Division III qualifying height of 5' 0".

In the throwing cage, Princess Imoukhuede '02 and Akua Asa-Awuku '03 contributed 13 of MIT's 55 points. Imoukhuede won both the weight throw and the shot put, while Asa-Awuku set a remarkable personal

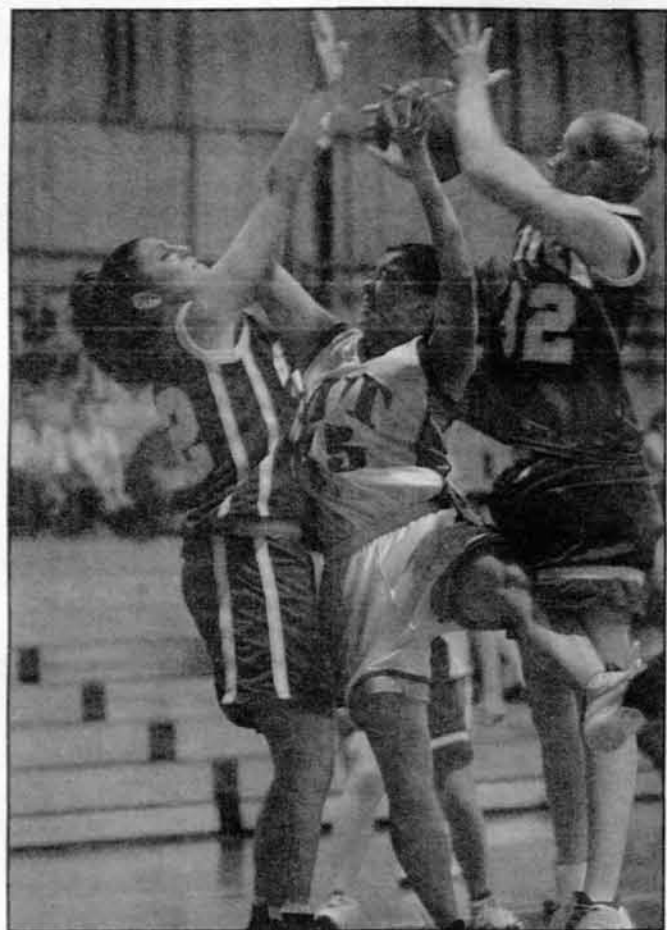
record of 44'0" in the weight throw to capture second place.

To finish the day, the 4x800m squad consisting of Patricia M. McAndrew '03, Jennifer A. Gaugler '05, Mealani K. Nakamura G, and Shirleen X. Poon '05, gave their best effort to finish in third place.

UPCOMING HOME EVENTS

Wednesday, December 12

Men's Ice Hockey vs. Franklin Pierce, 7:30 p.m.



STANLEY HU—THE TECH

Amy W. Mok '02 is fouled by a Suffolk University defender while going up for a shot in last Thursday's game. MIT pulled away in the final half to win, 47-40.

Taekwondo Club Fifth
In INCTL TournamentBy Christina Park
TEAM CO-CAPTAIN

The MIT Sport Taekwondo Club sent a 27 member team to Philadelphia, Pennsylvania for the Ivy/Northeast Collegiate Taekwondo League (INCTL) tournament hosted by the University of Pennsylvania. After a long day of competition, MIT continued to make its mark, placing fifth overall.

The tournament, which took place on Saturday, December 1st, began with forms competition. Though not everyone placed, many members of the team received scores in the top third of their division, showing significant improvement since the last tournament at Cornell University. Christina S. Park '02 placed second in the women's black belt division.

Margaret H. Cho '04 and Baochi T. Nguyen G tied for second place and repeated their form for the judges for a tie-breaker. Cho prevailed, and they nearly swept the women's green/blue belt division as they had at Cornell, taking the silver and bronze, respectively.

Andrew T. Yue '03 added to the medal count in the men's green/blue belt division, tying for third place and winning the tiebreaker. Notably, Park and Yue performed ITF (International Taekwondo Federation) forms, indicative of the Sport Taekwondo Club's integration of both ITF and WTF (World Taekwondo Federation) style forms into their curriculum.

After a brief break, sparring began with the black belt teams, featuring co-captain Chinedum O. Osuji G in his last INCTL tournament after eight years in the League. Osuji teamed up with Christopher K. Wilmer '02 to create a two man team. Although they lacked a middleweight, they easily advanced into the quarterfinals with a definite win over NYU. Wilmer did not win his next match against Penn, but he became more aggressive as the match progressed, moving his opponent out of the ring several times. Although he was still injured from his recent performance at the World Taekwondo Championships (the highest level of Taekwondo competition in the world),

Osuji effortlessly sailed through both his matches, winning both without once having been scored upon. As he graduates, the team will miss his presence as a teammate, coach, captain, and friend.

The women's black belt A1 team (Alice S. Chau '04, Tiffany A. Kanaga '04, Park) faced Cornell A2 in the first round. Park easily defeated their heavyweight, setting the tone for her teammates. Though this was Kanaga's first tournament in the black belt division in WTF Taekwondo, she stepped up to the challenge and won a close match in the middleweight division with the consistent thuds of her back leg turning kick on her opponent's hogu. Cornell forfeited their lightweight match and MIT advanced to the semi-finals, where they lost to Penn 2-1, finishing the day in third place.

Though all the men's and women's color belt teams fought hard, the competition was just too stiff and they had tough first round bracketing. All four men's teams and two women's teams were eliminated in the first round, though many individuals learned how to block to the head properly by the end of the day.

The MVPs of the day were in the men's white/yellow belt team (Alex S. Park G, Vladislav Y. Gabovich G, Colin E. Champ '03), who brought home the gold. Though there was some questionable refereeing in their quarterfinal match, they emerged victorious over Cornell, Yale, NYU, and Penn. Despite an injury to his instep, Alex Park finished all four of his four rounds with energy. Champ's height and flexibility were unmatched as he responded to every attack with a head kick. Having attended the last tournament, Gabovich anchored his team with his experience, knocking Yale into the head table with a powerful sidekick. The team as a whole showed so much heart and positive attitudes throughout the day, making all of their coaches proud.

This tournament finished a successful fall season for the Sport Taekwondo Club, now only a little over a year old. The team will resume training over IAP for their next INCTL tournament at Princeton University in March.



JONATHAN WANG—THE TECH

Goalkeeper Matt Van Horne '02 reaches for the save in the Men's Hockey 6-3 victory against Central Connecticut State Wednesday.